

TEACHER ASSESSMENT CONSTRUCTED VARIABLES
RELIABILITY & CORRELATIONS
TABLE OF CONTENTS

Cohort 3 Youth Interview: Constructed Variable Reliability Analysis Grades 6 to 122
Correlations Grades 6 to 12.....137

Cohort 3 Youth Interview: Constructed Variable Reliability Analysis Grades 6 to 12

GRADE 6

*Concentration Problems

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.925	.925	5

Item Statistics

	Mean	Std. Deviation	N
q1r	2.9956	1.47170	1128
q9r	3.1720	1.48002	1128
toc36123 Was easily distracted Spring Grade 6	3.0399	1.45723	1128
q29r	3.2243	1.42118	1128
toc36119 Had difficulty organizing tasks and activities Spring Grade 6	2.8094	1.40225	1128

Inter-Item Correlation Matrix

	q1r	q9r	toc36123 Was easily distracted Spring Grade 6	q29r	toc36119 Had difficulty organizing tasks and activities Spring Grade 6
q1r	1.000	.826	.618	.819	.636
q9r	.826	1.000	.679	.852	.637
toc36123 Was easily distracted Spring Grade 6	.618	.679	1.000	.694	.702
q29r	.819	.852	.694	1.000	.642
toc36119 Had difficulty organizing tasks and activities Spring Grade 6	.636	.637	.702	.642	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q1r	12.2456	25.754	.823	.740	.904
q9r	12.0691	25.276	.857	.785	.897
toc36123 Was easily distracted Spring Grade 6	12.2012	26.778	.750	.603	.918
q29r	12.0168	25.757	.863	.785	.896
toc36119 Had difficulty organizing tasks and activities Spring Grade 6	12.4317	27.561	.726	.562	.922

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
15.2411	40.220	6.34196	5

*Authority Acceptance

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.886	.893	5

Item Statistics

	Mean	Std. Deviation	N
toc36122 Lied Spring Grade 6	2.13	1.262	1115
toc36124 Took others property without their permission Spring Grade 6	1.64	1.084	1115
toc36126 Hurt others physically Spring Grade 6	1.43	.855	1115
toc36132 Broke rules Spring Grade 6	2.52	1.303	1115
toc36135 Damaged other peoples property on purpose Spring Grade 6	1.46	.884	1115

Inter-Item Correlation Matrix

	toc36122 Lied Spring Grade 6	toc36124 Took others property without their permission Spring Grade 6	toc36126 Hurt others physically Spring Grade 6	toc36132 Broke rules Spring Grade 6	toc36135 Damaged other peoples property on purpose Spring Grade 6
toc36122 Lied Spring Grade 6	1.000	.674	.552	.745	.586
toc36124 Took others property without their permission Spring Grade 6	.674	1.000	.599	.632	.706
toc36126 Hurt others physically Spring Grade 6	.552	.599	1.000	.531	.650
toc36132 Broke rules Spring Grade 6	.745	.632	.531	1.000	.578
toc36135 Damaged other peoples property on purpose Spring Grade 6	.586	.706	.650	.578	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc36122 Lied Spring Grade 6	7.06	12.130	.773	.632	.851
toc36124 Took others property without their permission Spring Grade 6	7.55	13.246	.772	.619	.850
toc36126 Hurt others physically Spring Grade 6	7.75	15.320	.667	.483	.877
toc36132 Broke rules Spring Grade 6	6.66	12.071	.745	.598	.861
toc36135 Damaged other peoples property on purpose Spring Grade 6	7.72	14.757	.732	.590	.864

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
9.19	20.516	4.529	5

*Shy Behavior

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.482	.524	3

Item Statistics

	Mean	Std. Deviation	N
toc36104 Avoided classmates Spring Grade 6	1.7437	.87142	1116
q11r	2.5860	1.24948	1116
q40r	3.4319	1.51756	1116

Inter-Item Correlation Matrix

	toc36104 Avoided classmates Spring Grade 6	q11r	q40r
toc36104 Avoided classmates Spring Grade 6	1.000	.426	.151
q11r	.426	1.000	.228
q40r	.151	.228	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc36104 Avoided classmates Spring Grade 6	6.0179	4.728	.350	.184	.365
q11r	5.1756	3.462	.385	.208	.231
q40r	4.3297	3.247	.231	.055	.571

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.7616	6.813	2.61019	3

*Likeability

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.889	.886	4

Item Statistics

	Mean	Std. Deviation	N
toc36102 Rejected by classmates Spring Grade 6	2.0430	1.03912	1116
q8r	3.2240	1.36056	1116
t36120	3.2070	1.43598	1116
q25r	2.9821	1.40264	1116

Inter-Item Correlation Matrix

	toc36102 Rejected by classmates Spring Grade 6	q8r	t36120	q25r
toc36102 Rejected by classmates Spring Grade 6	1.000	.537	.483	.581
q8r	.537	1.000	.785	.792
t36120	.483	.785	1.000	.787
q25r	.581	.792	.787	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc36102 Rejected by classmates Spring Grade 6	9.4131	15.141	.576	.354	.917
q8r	8.2321	11.416	.828	.702	.829
t36120	8.2491	11.134	.801	.690	.840
q25r	8.4740	11.021	.847	.723	.820

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
11.4561	20.876	4.56904	4

*Hyperactivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.863	.862	3

Item Statistics

	Mean	Std. Deviation	N
toc36113 Could not sit still Spring Grade 6	2.31	1.401	1128
toc36117 Fidgeted and/or squirmed a lot Spring Grade 6	2.24	1.385	1128
toc36139 Was always on the go or acted as if driven by a motor Spring Grade 6	2.12	1.335	1128

Inter-Item Correlation Matrix

	toc36113 Could not sit still Spring Grade 6	toc36117 Fidgeted and/or squirmed a lot Spring Grade 6	toc36139 Was always on the go or acted as if driven by a motor Spring Grade 6
toc36113 Could not sit still Spring Grade 6	1.000	.817	.593
toc36117 Fidgeted and/or squirmed a lot Spring Grade 6	.817	1.000	.616
toc36139 Was always on the go or acted as if driven by a motor Spring Grade 6	.593	.616	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc36113 Could not sit still Spring Grade 6	4.36	5.976	.786	.680	.762
toc36117 Fidgeted and/or squirmed a lot Spring Grade 6	4.43	5.960	.805	.694	.744
toc36139 Was always on the go or acted as if driven by a motor Spring Grade 6	4.55	7.049	.634	.403	.899

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
6.67	13.323	3.650	3

*Impulsivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.810	.811	2

Item Statistics

	Mean	Std. Deviation	N
toc36114 Interrupted or intruded on others Spring Grade 6	2.38	1.376	1135
toc36136 Blurted out answer before question was complete Spring Grade 6	2.38	1.292	1135

Inter-Item Correlation Matrix

	toc36114 Interrupted or intruded on others Spring Grade 6	toc36136 Blurted out answer before question was complete Spring Grade 6
toc36114 Interrupted or intruded on others Spring Grade 6	1.000	.682
toc36136 Blurted out answer before question was complete Spring Grade 6	.682	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc36114 Interrupted or intruded on others Spring Grade 6	2.38	1.669	.682	.465	^a . .
toc36136 Blurted out answer before question was complete Spring Grade 6	2.38	1.892	.682	.465	^a . .

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
4.76	5.985	2.446	2

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.853	.854	3

Item Statistics

	Mean	Std. Deviation	N
q7r	2.7745	1.45173	1131
toc36114 Interrupted or intruded on others Spring Grade 6	2.3846	1.37606	1131
toc36136 Blurted out answer before question was complete Spring Grade 6	2.3784	1.29260	1131

Inter-Item Correlation Matrix

	q7r	toc36114 Interrupted or intruded on others Spring Grade 6	toc36136 Blurted out answer before question was complete Spring Grade 6
q7r	1.000	.702	.600
toc36114 Interrupted or intruded on others Spring Grade 6	.702	1.000	.682
toc36136 Blurted out answer before question was complete Spring Grade 6	.600	.682	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q7r	4.7630	5.990	.711	.520	.810
toc36114 Interrupted or intruded on others Spring Grade 6	5.1530	6.029	.774	.599	.747
toc36136 Blurted out answer before question was complete Spring Grade 6	5.1592	6.807	.693	.494	.824

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.5376	13.153	3.62674	3

*Proactive aggression

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.884	.884	3

Item Statistics

	Mean	Std. Deviation	N
toc36112 Bullied classmates into getting his/her way Spring Grade 6	1.60	1.068	1133
toc36118 Used physical intimidation to get what s/he wanted Spring Grade 6	1.52	1.014	1133
toc36121 Started physical fights with classmates Spring Grade 6	1.58	1.019	1133

Inter-Item Correlation Matrix

	toc36112 Bullied classmates into getting his/her way Spring Grade 6	toc36118 Used physical intimidation to get what s/he wanted Spring Grade 6	toc36121 Started physical fights with classmates Spring Grade 6
toc36112 Bullied classmates into getting his/her way Spring Grade 6	1.000	.769	.667
toc36118 Used physical intimidation to get what s/he wanted Spring Grade 6	.769	1.000	.715
toc36121 Started physical fights with classmates Spring Grade 6	.667	.715	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc36112 Bullied classmates into getting his/her way Spring Grade 6	3.11	3.545	.776	.620	.834
toc36118 Used physical intimidation to get what s/he wanted Spring Grade 6	3.19	3.632	.814	.665	.800
toc36121 Started physical fights with classmates Spring Grade 6	3.12	3.837	.734	.545	.869

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
4.71	7.806	2.794	3

*Oppositional defiant

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.924	.925	3

Item Statistics

	Mean	Std. Deviation	N
toc36116 Disobeyed teachers and other adults Spring Grade 6	2.36	1.350	1124
toc36127 Talked back to teachers and other adults Spring Grade 6	2.26	1.419	1124
toc36132 Broke rules Spring Grade 6	2.52	1.306	1124

Inter-Item Correlation Matrix

	toc36116 Disobeyed teachers and other adults Spring Grade 6	toc36127 Talked back to teachers and other adults Spring Grade 6	toc36132 Broke rules Spring Grade 6
toc36116 Disobeyed teachers and other adults Spring Grade 6	1.000	.801	.842
toc36127 Talked back to teachers and other adults Spring Grade 6	.801	1.000	.771
toc36132 Broke rules Spring Grade 6	.842	.771	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc36116 Disobeyed teachers and other adults Spring Grade 6	4.78	6.579	.872	.766	.869
toc36127 Talked back to teachers and other adults Spring Grade 6	4.88	6.498	.820	.674	.914
toc36132 Broke rules Spring Grade 6	4.62	6.906	.849	.735	.889

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.14	14.441	3.800	3

*Conduct Disorder

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.891	.891	7

Item Statistics

	Mean	Std. Deviation	N
toc36103 Skipped school Spring Grade 6	1.35	.784	1111
toc36112 Bullied classmates into getting his/her way Spring Grade 6	1.61	1.076	1111
toc36121 Started physical fights with classmates Spring Grade 6	1.59	1.028	1111
toc36122 Lied Spring Grade 6	2.12	1.260	1111
toc36124 Took others property without their permission Spring Grade 6	1.64	1.077	1111
toc36126 Hurt others physically Spring Grade 6	1.43	.855	1111
toc36135 Damaged other peoples property on purpose Spring Grade 6	1.46	.872	1111

Inter-Item Correlation Matrix

	toc36112 Bullied classmates into getting his/her way Spring Grade 6	toc36121 Started physical fights with classmates Spring Grade 6	toc36122 Lied Spring Grade 6	toc36124 Took others property without their permission Spring Grade 6	toc36126 Hurt others physically Spring Grade 6	toc36135 Damaged others peoples property on purpose Spring Grade 6
toc36103 Skipped school Spring Grade 6	1.000	.302	.349	.369	.316	.303
toc36112 Bullied classmates into getting his/her way Spring Grade 6	.302	1.000	.669	.569	.592	.672
toc36121 Started physical fights with classmates Spring Grade 6	.349	.669	1.000	.548	.597	.742
toc36122 Lied Spring Grade 6	.369	.569	.548	1.000	.672	.544
toc36124 Took others property without their permission Spring Grade 6	.316	.592	.597	.672	1.000	.594
toc36126 Hurt others physically Spring Grade 6	.303	.672	.742	.544	.594	1.000
toc36135 Damaged others peoples property on purpose Spring Grade 6	.322	.598	.644	.582	.706	.648

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc36103 Skipped school Spring Grade 6	9.85	26.063	.397	.170	.903
toc36112 Bullied classmates into getting his/her way Spring Grade 6	9.59	21.442	.729	.562	.869
toc36121 Started physical fights with classmates Spring Grade 6	9.61	21.563	.759	.637	.865
toc36122 Lied Spring Grade 6	9.08	20.304	.701	.525	.876
toc36124 Took others property without their permission Spring Grade 6	9.56	21.225	.753	.618	.866
toc36126 Hurt others physically Spring Grade 6	9.77	22.950	.754	.636	.869
toc36135 Damaged other peoples property on purpose Spring Grade 6	9.74	22.812	.755	.604	.868

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
11.20	29.858	5.464	7

*Helpless

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.834	.834	4

Item Statistics

	Mean	Std. Deviation	N
q6r	3.1853	1.57122	1128
q28r	3.4441	1.50022	1128
toc36138 Became discouraged after encountering an obstacle in his/her schoolwork Spring Grade 6	2.6472	1.25093	1128
toc36133 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 6	2.5869	1.33264	1128

Inter-Item Correlation Matrix

	q6r	q28r	toc36138 Became discouraged after encountering an obstacle in his/her schoolwork Spring Grade 6	toc36133 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 6
q6r	1.000	.821	.501	.455
q28r	.821	1.000	.486	.424
toc36138 Became discouraged after encountering an obstacle in his/her schoolwork Spring Grade 6	.501	.486	1.000	.656
toc36133 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 6	.455	.424	.656	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q6r	8.6782	11.297	.734	.692	.758
q28r	8.4193	11.873	.715	.682	.766
toc36138 Became discouraged after encountering an obstacle in his/her schoolwork Spring Grade 6	9.2163	13.969	.640	.489	.803
toc36133 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 6	9.2766	13.954	.581	.451	.824

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
11.8635	21.516	4.63858	4

GRADE 7

Cohort 3 Youth Interview: Constructed Variable Reliability Analysis

*Grade 7 TOCA

*Concentration Problems

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.924	.925	5

Item Statistics

	Mean	Std. Deviation	N
q1r	3.0073	1.45465	1233
q8r	3.1671	1.37214	1233
toc37120 Was easily distracted Spring Grade 7 2000	3.0600	1.48738	1233
q26r	3.1995	1.37372	1233
toc37116 Had difficulty organizing tasks and activities Spring Grade 7 2000	2.7818	1.34065	1233

Inter-Item Correlation Matrix

	q1r	q8r	toc37120 Was easily distracted Spring Grade 7 2000	q26r	toc37116 Had difficulty organizing tasks and activities Spring Grade 7 2000
q1r	1.000	.846	.597	.809	.645
q8r	.846	1.000	.670	.865	.659
toc37120 Was easily distracted Spring Grade 7 2000	.597	.670	1.000	.677	.681
q26r	.809	.865	.677	1.000	.664
toc37116 Had difficulty organizing tasks and activities Spring Grade 7 2000	.645	.659	.681	.664	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q1r	12.2084	24.131	.819	.746	.903
q8r	12.0487	24.272	.873	.818	.893
toc37120 Was easily distracted Spring Grade 7 2000	12.1557	24.938	.727	.566	.923
q26r	12.0162	24.360	.863	.786	.895
toc37116 Had difficulty organizing tasks and activities Spring Grade 7 2000	12.4339	26.054	.738	.563	.919

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
15.2157	37.953	6.16063	5

*Authority Acceptance

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.858	.877	5

Item Statistics

	Mean	Std. Deviation	N
toc37119 Lied Spring Grade 7 2000	2.02	1.214	1227
toc37121 Took others property without their permission Spring Grade 7 2000	1.52	.896	1227
toc37123 Hurt others physically Spring Grade 7 2000	1.34	.733	1227
toc37127 Broke rules Spring Grade 7 2000	2.45	1.303	1227
toc37129 Damaged other peoples property on purpose Spring Grade 7 2000	1.35	.716	1227

Inter-Item Correlation Matrix

	toc37119 Lied Spring Grade 7 2000	toc37121 Took others property without their permission Spring Grade 7 2000	toc37123 Hurt others physically Spring Grade 7 2000	toc37127 Broke rules Spring Grade 7 2000	toc37129 Damaged other peoples property on purpose Spring Grade 7 2000
toc37119 Lied Spring Grade 7 2000	1.000	.591	.507	.711	.549
toc37121 Took others property without their permission Spring Grade 7 2000	.591	1.000	.539	.552	.696
toc37123 Hurt others physically Spring Grade 7 2000	.507	.539	1.000	.528	.651
toc37127 Broke rules Spring Grade 7 2000	.711	.552	.528	1.000	.554
toc37129 Damaged other peoples property on purpose Spring Grade 7 2000	.549	.696	.651	.554	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc37119 Lied Spring Grade 7 2000	6.66	9.165	.734	.570	.817
toc37121 Took others property without their permission Spring Grade 7 2000	7.15	11.052	.701	.553	.824
toc37123 Hurt others physically Spring Grade 7 2000	7.34	12.189	.645	.473	.843
toc37127 Broke rules Spring Grade 7 2000	6.23	8.751	.724	.559	.827
toc37129 Damaged other peoples property on purpose Spring Grade 7 2000	7.33	11.953	.720	.604	.830

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
8.67	16.029	4.004	5

*Shy Behavior

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.532	.566	3

Item Statistics

	Mean	Std. Deviation	N
toc37104 Avoided classmates Spring Grade 7 2000	1.7682	.91740	1234
q9r	2.6426	1.26510	1234
q34r	3.4052	1.50355	1234

Inter-Item Correlation Matrix

	toc37104 Avoided classmates Spring Grade 7 2000	q9r	q34r
toc37104 Avoided classmates Spring Grade 7 2000	1.000	.462	.179
q9r	.462	1.000	.268
q34r	.179	.268	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc37104 Avoided classmates Spring Grade 7 2000	6.0478	4.879	.386	.217	.417
q9r	5.1734	3.597	.436	.249	.275
q34r	4.4109	3.514	.268	.076	.610

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.8160	7.287	2.69950	3

*Likeability

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.897	.895	4

Item Statistics

	Mean	Std. Deviation	N
toc37102 Rejected by classmates Spring Grade 7 2000	2.0525	1.06369	1238
q17r	3.1171	1.42106	1238
q7r	3.2132	1.36230	1238
q22r	2.9111	1.34994	1238

Inter-Item Correlation Matrix

	toc37102 Rejected by classmates Spring Grade 7 2000	q17r	q7r	q22r
toc37102 Rejected by classmates Spring Grade 7 2000	1.000	.501	.545	.608
q17r	.501	1.000	.806	.815
q7r	.545	.806	1.000	.808
q22r	.608	.815	.808	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc37102 Rejected by classmates Spring Grade 7 2000	9.2415	14.919	.589	.380	.927
q17r	8.1769	11.106	.820	.728	.850
q7r	8.0808	11.363	.835	.722	.843
q22r	8.3829	11.221	.868	.758	.831

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
11.2940	20.890	4.57056	4

*Hyperactivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.877	.877	3

Item Statistics

	Mean	Std. Deviation	N
toc37111 Could not sit still Spring Grade 7 2000	2.21	1.367	1241
toc37115 Fidgeted and/or squirmed a lot Spring Grade 7 2000	2.17	1.352	1241
toc37133 Was always on the go or acted as if driven by a motor Spring Grade 7 2000	2.12	1.341	1241

Inter-Item Correlation Matrix

	toc37111 Could not sit still Spring Grade 7 2000	toc37115 Fidgeted and/or squirmed a lot Spring Grade 7 2000	toc37133 Was always on the go or acted as if driven by a motor Spring Grade 7 2000
toc37111 Could not sit still Spring Grade 7 2000	1.000	.852	.631
toc37115 Fidgeted and/or squirmed a lot Spring Grade 7 2000	.852	1.000	.628
toc37133 Was always on the go or acted as if driven by a motor Spring Grade 7 2000	.631	.628	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc37111 Could not sit still Spring Grade 7 2000	4.30	5.902	.822	.741	.771
toc37115 Fidgeted and/or squirmed a lot Spring Grade 7 2000	4.33	5.984	.820	.739	.774
toc37133 Was always on the go or acted as if driven by a motor Spring Grade 7 2000	4.39	6.843	.654	.428	.920

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
6.51	13.234	3.638	3

*Impulsivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.777	.779	2

Item Statistics

	Mean	Std. Deviation	N
toc37112 Interrupted or intruded on others Spring Grade 7 2000	2.31	1.365	1231
toc37130 Blurted out answer before question was complete Spring Grade 7 2000	2.15	1.257	1231

Inter-Item Correlation Matrix

	toc37112 Interrupted or intruded on others Spring Grade 7 2000	toc37130 Blurted out answer before question was complete Spring Grade 7 2000
toc37112 Interrupted or intruded on others Spring Grade 7 2000	1.000	.638
toc37130 Blurted out answer before question was complete Spring Grade 7 2000	.638	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc37112 Interrupted or intruded on others Spring Grade 7 2000	2.15	1.580	.638	.407	a .
toc37130 Blurted out answer before question was complete Spring Grade 7 2000	2.31	1.865	.638	.407	a .

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
4.46	5.634	2.374	2

*Proactive aggression

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.800	.803	2

Item Statistics

	Mean	Std. Deviation	N
toc37110 Bullied classmates into getting his/her way Spring Grade 7 2000	1.66	1.037	1240
toc37118 Started physical fights with classmates Spring Grade 7 2000	1.52	.922	1240

Inter-Item Correlation Matrix

	toc37110 Bullied classmates into getting his/her way Spring Grade 7 2000	toc37118 Started physical fights with classmates Spring Grade 7 2000
toc37110 Bullied classmates into getting his/her way Spring Grade 7 2000	1.000	.671
toc37118 Started physical fights with classmates Spring Grade 7 2000	.671	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc37110 Bullied classmates into getting his/her way Spring Grade 7 2000	1.52	.850	.671	.451	a .
toc37118 Started physical fights with classmates Spring Grade 7 2000	1.66	1.076	.671	.451	a .

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
3.18	3.211	1.792	2

*Oppositional defiant

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.930	.930	3

Item Statistics

	Mean	Std. Deviation	N
toc37114 Disobeyed teachers and other adults Spring Grade 7 2000	2.30	1.337	1237
toc37124 Talked back to teachers and other adults Spring Grade 7 2000	2.24	1.372	1237
toc37127 Broke rules Spring Grade 7 2000	2.45	1.305	1237

Inter-Item Correlation Matrix

	toc37114 Disobeyed teachers and other adults Spring Grade 7 2000	toc37124 Talked back to teachers and other adults Spring Grade 7 2000	toc37127 Broke rules Spring Grade 7 2000
toc37114 Disobeyed teachers and other adults Spring Grade 7 2000	1.000	.844	.817
toc37124 Talked back to teachers and other adults Spring Grade 7 2000	.844	1.000	.788
toc37127 Broke rules Spring Grade 7 2000	.817	.788	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc37114 Disobeyed teachers and other adults Spring Grade 7 2000	4.69	6.406	.879	.773	.881
toc37124 Talked back to teachers and other adults Spring Grade 7 2000	4.75	6.338	.857	.742	.899
toc37127 Broke rules Spring Grade 7 2000	4.54	6.766	.835	.701	.915

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
6.99	14.139	3.760	3

*Conduct Disorder

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.872	.880	7

Item Statistics

	Mean	Std. Deviation	N
toc37103 Skipped school Spring Grade 7 2000	1.38	.872	1220
toc37110 Bullied classmates into getting his/her way Spring Grade 7 2000	1.65	1.024	1220
toc37118 Started physical fights with classmates Spring Grade 7 2000	1.51	.915	1220
toc37119 Lied Spring Grade 7 2000	2.01	1.211	1220
toc37121 Took others property without their permission Spring Grade 7 2000	1.52	.896	1220
toc37123 Hurt others physically Spring Grade 7 2000	1.33	.725	1220
toc37129 Damaged other peoples property on purpose Spring Grade 7 2000	1.35	.715	1220

Inter-Item Correlation Matrix

	toc37110 Bullied classmates into getting his/her way Spring Grade 7 2000	toc37118 Started physical fights with classmates Spring Grade 7 2000	toc37119 Lied Spring Grade 7 2000	toc37121 Took others property without their permission Spring Grade 7 2000	toc37123 Hurt others physically Spring Grade 7 2000	toc37129 Damaged other peoples property on purpose Spring Grade 7 2000
toc37103 Skipped school Spring Grade 7 2000	1.000	.303	.323	.375	.231	.312
toc37110 Bullied classmates into getting his/her way Spring Grade 2000	.303	1.000	.667	.570	.520	.588
toc37118 Started physic: fights with classmates Spring Grade 7 2000	.323	.667	1.000	.557	.531	.776
toc37119 Lied Spring Grade 7 2000	.375	.570	.557	1.000	.591	.503
toc37121 Took others property without their permission Spring Grade 7 2000	.231	.520	.531	.591	1.000	.541
toc37123 Hurt others physically Spring Grade 7 2000	.312	.588	.776	.503	.541	1.000
toc37129 Damaged othe peoples property on purpose Spring Grade 7 2000	.288	.545	.620	.549	.695	.654

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc37103 Skipped school Spring Grade 7 2000	9.38	19.822	.382	.170	.886
toc37110 Bullied classmates into getting his/her way Spring Grade 7 2000	9.11	16.665	.697	.519	.847
toc37118 Started physical fights with classmates Spring Grade 7 2000	9.25	16.995	.757	.684	.839
toc37119 Lied Spring Grade 7 2000	8.75	15.519	.687	.493	.853
toc37121 Took others property without their permission Spring Grade 7 2000	9.24	17.680	.672	.556	.850
toc37123 Hurt others physically Spring Grade 7 2000	9.43	18.455	.732	.655	.847
toc37129 Damaged other peoples property on purpose Spring Grade 7 2000	9.42	18.543	.729	.608	.848

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
10.76	23.545	4.852	7

*Helpless

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.849	.848	4

Item Statistics

	Mean	Std. Deviation	N
q6r	3.1911	1.51373	1230
q25r	3.5285	1.41666	1230
toc37128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 7 2000	2.4756	1.26052	1230
toc37132 Became discouraged after encountering an obstacle in his/her schoolwork Spring Grade 7 2000	2.5691	1.33904	1230

Inter-Item Correlation Matrix

	q6r	q25r	toc37128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 7 2000	toc37132 Became discouraged after encountering an obstacle in his/her schoolwork Spring Grade 7 2000
q6r	1.000	.780	.453	.592
q25r	.780	1.000	.432	.584
toc37128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 7 2000	.453	.432	1.000	.657
toc37132 Became discouraged after encountering an obstacle in his/her schoolwork Spring Grade 7 2000	.592	.584	.657	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q6r	8.5732	11.366	.732	.638	.789
q25r	8.2358	12.019	.723	.631	.792
toc37128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 7 2000	9.2886	14.051	.581	.438	.850
toc37132 Became discouraged after encountering an obstacle in his/her schoolwork Spring Grade 7 2000	9.1951	12.505	.721	.559	.794

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
11.7642	21.131	4.59681	4

GRADE 8

Cohort 3 Youth Interview: Constructed Variable Reliability Analysis

*grade 8

*concentration

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.919	.919	5

Item Statistics

	Mean	Std. Deviation	N
q1r	2.9335	1.46434	1097
q8r	3.0629	1.39429	1097
toc38120 Was easily distracted Spring Grade 8 2001	3.0966	1.41091	1097
q26r	3.1577	1.37088	1097
toc38116 Had difficulty organizing tasks and activities Spring Grade 8 2001	2.7192	1.31024	1097

Inter-Item Correlation Matrix

	q1r	q8r	toc38120 Was easily distracted Spring Grade 8 2001	q26r	toc38116 Had difficulty organizing tasks and activities Spring Grade 8 2001
q1r	1.000	.833	.562	.827	.579
q8r	.833	1.000	.671	.878	.621
toc38120 Was easily distracted Spring Grade 8 2001	.562	.671	1.000	.688	.633
q26r	.827	.878	.688	1.000	.639
toc38116 Had difficulty organizing tasks and activities Spring Grade 8 2001	.579	.621	.633	.639	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q1r	12.0365	23.095	.800	.739	.899
q8r	11.9070	22.893	.875	.817	.883
toc38120 Was easily distracted Spring Grade 8 2001	11.8733	24.551	.713	.555	.916
q26r	11.8122	22.992	.885	.821	.881
toc38116 Had difficulty organizing tasks and activities Spring Grade 8 2001	12.2507	25.661	.688	.490	.920

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
14.9699	36.505	6.04198	5

*aggression

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.858	.876	5

Item Statistics

	Mean	Std. Deviation	N
toc38119 Lied Spring Grade 8 2001	2.05	1.147	1103
toc38121 Took others property without their permission Spring Grade 8 2001	1.55	.938	1103
toc38123 Hurt others physically Spring Grade 8 2001	1.34	.695	1103
toc38127 Broke rules Spring Grade 8 2001	2.43	1.235	1103
toc38129 Damaged other peoples property on purpose Spring Grade 8 2001	1.35	.692	1103

Inter-Item Correlation Matrix

	toc38119 Lied Spring Grade 8 2001	toc38121 Took others property without their permission Spring Grade 8 2001	toc38123 Hurt others physically Spring Grade 8 2001	toc38127 Broke rules Spring Grade 8 2001	toc38129 Damaged other peoples property on purpose Spring Grade 8 2001
toc38119 Lied Spring Grade 8 2001	1.000	.577	.471	.715	.523
toc38121 Took others property without their permission Spring Grade 8 2001	.577	1.000	.575	.576	.713
toc38123 Hurt others physically Spring Grade 8 2001	.471	.575	1.000	.483	.682
toc38127 Broke rules Spring Grade 8 2001	.715	.576	.483	1.000	.533
toc38129 Damaged other peoples property on purpose Spring Grade 8 2001	.523	.713	.682	.533	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc38119 Lied Spring Grade 8 2001	6.67	8.773	.713	.557	.822
toc38121 Took others property without their permission Spring Grade 8 2001	7.17	9.802	.724	.583	.816
toc38123 Hurt others physically Spring Grade 8 2001	7.38	11.463	.635	.495	.845
toc38127 Broke rules Spring Grade 8 2001	6.29	8.311	.716	.561	.827
toc38129 Damaged other peoples property on purpose Spring Grade 8 2001	7.38	11.133	.719	.626	.830

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
8.72	14.933	3.864	5

*shy

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.578	.612	3

Item Statistics

	Mean	Std. Deviation	N
toc38104 Avoided classmates Spring Grade 8 2001	1.7891	.88867	1105
q9r	2.5548	1.21320	1105
q34r	3.3656	1.47082	1105

Inter-Item Correlation Matrix

	toc38104 Avoided classmates Spring Grade 8 2001	q9r	q34r
toc38104 Avoided classmates Spring Grade 8 2001	1.000	.476	.255
q9r	.476	1.000	.304
q34r	.255	.304	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc38104 Avoided classmates Spring Grade 8 2001	5.9204	4.720	.438	.240	.460
q9r	5.1548	3.620	.457	.262	.369
q34r	4.3439	3.287	.328	.108	.624

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.7095	7.203	2.68378	3

*likeability

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.908	.906	4

Item Statistics

	Mean	Std. Deviation	N
toc38102 Rejected by classmates Spring Grade 8 2001	2.0127	1.01526	1101
q17r	2.9991	1.42159	1101
q7r	3.0745	1.33685	1101
q22r	2.8029	1.34983	1101

Inter-Item Correlation Matrix

	toc38102 Rejected by classmates Spring Grade 8 2001	q17r	q7r	q22r
toc38102 Rejected by classmates Spring Grade 8 2001	1.000	.544	.554	.619
q17r	.544	1.000	.850	.843
q7r	.554	.850	1.000	.826
q22r	.619	.843	.826	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc38102 Rejected by classmates Spring Grade 8 2001	8.8765	15.076	.605	.389	.940
q17r	7.8901	10.823	.859	.784	.857
q7r	7.8147	11.375	.856	.765	.857
q22r	8.0863	11.141	.878	.777	.848

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
10.8892	20.877	4.56911	4

*hyperactivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.828	.828	3

Item Statistics

	Mean	Std. Deviation	N
toc38111 Could not sit still Spring Grade 8 2001	2.22	1.352	1103
toc38115 Fidgeted and/or squirmed a lot Spring Grade 8 2001	2.17	1.301	1103
toc38132 Was always on the go or acted as if driven by a motor Spring Grade 8 2001	2.13	1.303	1103

Inter-Item Correlation Matrix

	toc38111 Could not sit still Spring Grade 8 2001	toc38115 Fidgeted and/or squirmed a lot Spring Grade 8 2001	toc38132 Was always on the go or acted as if driven by a motor Spring Grade 8 2001
toc38111 Could not sit still Spring Grade 8 2001	1.000	.767	.521
toc38115 Fidgeted and/or squirmed a lot Spring Grade 8 2001	.767	1.000	.560
toc38132 Was always on the go or acted as if driven by a motor Spring Grade 8 2001	.521	.560	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc38111 Could not sit still Spring Grade 8 2001	4.30	5.289	.729	.600	.718
toc38115 Fidgeted and/or squirmed a lot Spring Grade 8 2001	4.35	5.361	.763	.623	.685
toc38132 Was always on the go or acted as if driven by a motor Spring Grade 8 2001	4.39	6.217	.575	.334	.868

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
6.52	11.649	3.413	3

*impulsivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.778	.780	2

Item Statistics

	Mean	Std. Deviation	N
toc38112 Interrupted or intruded on others Spring Grade 8 2001	2.38	1.350	1109
toc38130 Blurted out answer before question was complete Spring Grade 8 2001	2.23	1.227	1109

Inter-Item Correlation Matrix

	toc38112 Interrupted or intruded on others Spring Grade 8 2001	toc38130 Blurted out answer before question was complete Spring Grade 8 2001
toc38112 Interrupted or intruded on others Spring Grade 8 2001	1.000	.640
toc38130 Blurted out answer before question was complete Spring Grade 8 2001	.640	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc38112 Interrupted or intruded on others Spring Grade 8 2001	2.23	1.506	.640	.409	a .
toc38130 Blurted out answer before question was complete Spring Grade 8 2001	2.38	1.823	.640	.409	a .

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
4.61	5.449	2.334	2

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.835	.836	3

Item Statistics

	Mean	Std. Deviation	N
q5r	2.5415	1.37702	1108
toc38112 Interrupted or intruded on others Spring Grade 8 2001	2.3809	1.34858	1108
toc38130 Blurtd out answer before question was complete Spring Grade 8 2001	2.2274	1.22481	1108

Inter-Item Correlation Matrix

	q5r	toc38112 Interrupted or intruded on others Spring Grade 8 2001	toc38130 Blurtd out answer before question was complete Spring Grade 8 2001
q5r	1.000	.664	.587
toc38112 Interrupted or intruded on others Spring Grade 8 2001	.664	1.000	.638
toc38130 Blurtd out answer before question was complete Spring Grade 8 2001	.587	.638	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q5r	4.6083	5.427	.693	.486	.777
toc38112 Interrupted or intruded on others Spring Grade 8 2001	4.7690	5.377	.731	.535	.737
toc38130 Blurted out answer before question was complete Spring Grade 8 2001	4.9224	6.180	.672	.455	.798

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.1498	11.770	3.43071	3

*Proactive aggression

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.767	.776	2

Item Statistics

	Mean	Std. Deviation	N
toc38110 Bullied classmates into getting his/her way Spring Grade 8 2001	1.67	1.038	1107
toc38118 Started physical fights with classmates Spring Grade 8 2001	1.50	.851	1107

Inter-Item Correlation Matrix

	toc38110 Bullied classmates into getting his/her way Spring Grade 8 2001	toc38118 Started physical fights with classmates Spring Grade 8 2001
toc38110 Bullied classmates into getting his/her way Spring Grade 8 2001	1.000	.634
toc38118 Started physical fights with classmates Spring Grade 8 2001	.634	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc38110 Bullied classmates into getting his/her way Spring Grade 8 2001	1.50	.724	.634	.402	.a
toc38118 Started physical fights with classmates Spring Grade 8 2001	1.67	1.077	.634	.402	.a

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
3.16	2.921	1.709	2

*Oppositional defiant

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.898	.903	4

Item Statistics

	Mean	Std. Deviation	N
q13r	2.9618	1.50413	1100
toc38114 Disobeyed teachers and other adults Spring Grade 8 2001	2.3364	1.22365	1100
toc38124 Talked back to teachers and other adults Spring Grade 8 2001	2.2436	1.34385	1100
toc38127 Broke rules Spring Grade 8 2001	2.4309	1.23703	1100

Inter-Item Correlation Matrix

	q13r	toc38114 Disobeyed teachers and other adults Spring Grade 8 2001	toc38124 Talked back to teachers and other adults Spring Grade 8 2001	toc38127 Broke rules Spring Grade 8 2001
q13r	1.000	.656	.601	.648
toc38114 Disobeyed teachers and other adults Spring Grade 8 2001	.656	1.000	.762	.772
toc38124 Talked back to teachers and other adults Spring Grade 8 2001	.601	.762	1.000	.757
toc38127 Broke rules Spring Grade 8 2001	.648	.772	.757	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q13r	7.0109	12.196	.690	.484	.906
toc38114 Disobeyed teachers and other adults Spring Grade 8 2001	7.6364	12.956	.824	.692	.852
toc38124 Talked back to teachers and other adults Spring Grade 8 2001	7.7291	12.451	.786	.655	.863
toc38127 Broke rules Spring Grade 8 2001	7.5418	12.916	.817	.683	.854

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
9.9727	21.712	4.65958	4

*Conduct disorder

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.859	.876	7

Item Statistics

	Mean	Std. Deviation	N
toc38103 Skipped school Spring Grade 8 2001	1.55	1.056	1094
toc38110 Bullied classmates into getting his/her way Spring Grade 8 2001	1.67	1.039	1094
toc38118 Started physical fights with classmates Spring Grade 8 2001	1.50	.853	1094
toc38119 Lied Spring Grade 8 2001	2.04	1.146	1094
toc38121 Took others property without their permission Spring Grade 8 2001	1.55	.936	1094
toc38123 Hurt others physically Spring Grade 8 2001	1.34	.689	1094
toc38129 Damaged other peoples property on purpose Spring Grade 8 2001	1.35	.694	1094

Inter-Item Correlation Matrix

	toc38103 Skipped school Spring Grade 8 2001	toc38110 Bullied classmates into getting his/her way Spring Grade 8 2001	toc38118 Started physical fights with classmates Spring Grade 8 2001	toc38119 Lied Spring Grade 8 2001	toc38121 Took others property without their permission Spring Grade 8 2001	toc38123 Hurt others physically Spring Grade 8 2001	toc38129 Damaged other peoples property on purpose Spring Grade 8 2001
toc38103 Skipped school Spring Grade 8 2001	1.000	.236	.295	.332	.251	.244	.247
toc38110 Bullied classmates into getting his/her way Spring Grade 8 2001	.236	1.000	.634	.509	.537	.596	.559
toc38118 Started physical fights with classmates Spring Grade 8 2001	.295	.634	1.000	.567	.578	.740	.639
toc38119 Lied Spring Grade 8 2001	.332	.509	.567	1.000	.579	.484	.530
toc38121 Took others property without their permission Spring Grade 8 2001	.251	.537	.578	.579	1.000	.587	.716
toc38123 Hurt others physically Spring Grade 8 2001	.244	.596	.740	.484	.587	1.000	.688
toc38129 Damaged other peoples property on purpose Spring Grade 8 2001	.247	.559	.639	.530	.716	.688	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc38103 Skipped school Spring Grade 8 2001	9.44	18.834	.335	.128	.885
toc38110 Bullied classmates into getting his/her way Spring Grade 8 2001	9.33	16.381	.661	.479	.835
toc38118 Started physical fights with classmates Spring Grade 8 2001	9.50	16.975	.756	.645	.823
toc38119 Lied Spring Grade 8 2001	8.95	15.733	.657	.450	.838
toc38121 Took others property without their permission Spring Grade 8 2001	9.45	16.749	.704	.582	.828
toc38123 Hurt others physically Spring Grade 8 2001	9.65	18.288	.722	.636	.833
toc38129 Damaged other peoples property on purpose Spring Grade 8 2001	9.65	18.183	.736	.635	.831

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
10.99	23.015	4.797	7

*Helpless

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.863	.863	4

Item Statistics

	Mean	Std. Deviation	N
q6r	3.0354	1.54673	1101
q25r	3.4360	1.44245	1101
toc38128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 8 2001	2.5441	1.21921	1101
toc38131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 8 2001	2.6966	1.26731	1101

Inter-Item Correlation Matrix

	q6r	q25r	toc38128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 8 2001	toc38131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 8 2001
q6r	1.000	.818	.491	.657
q25r	.818	1.000	.439	.634
toc38128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 8 2001	.491	.439	1.000	.626
toc38131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 8 2001	.657	.634	.626	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q6r	8.6767	10.968	.788	.705	.793
q25r	8.2761	11.847	.756	.686	.806
toc38128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 8 2001	9.1680	14.622	.572	.404	.876
toc38131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 8 2001	9.0154	13.004	.747	.573	.813

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
11.7121	21.438	4.63011	4

GRADE 9

Cohort 3 Youth Interview: Constructed Variable Reliability Analysis

**grade 9

*Concentration

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.915	.915	5

Item Statistics

	Mean	Std. Deviation	N
q1r	3.0891	1.51325	988
q8r	3.1832	1.45651	988
toc39120 Was easily distracted Spring Grade 9 2002	3.0162	1.43121	988
q26r	3.2510	1.39610	988
toc39116 Had difficulty organizing tasks and activities Spring Grade 9 2002	2.7045	1.33297	988

Inter-Item Correlation Matrix

	q1r	q8r	toc39120 Was easily distracted Spring Grade 9 2002	q26r	toc39116 Had difficulty organizing tasks and activities Spring Grade 9 2002
q1r	1.000	.849	.579	.808	.578
q8r	.849	1.000	.650	.872	.602
toc39120 Was easily distracted Spring Grade 9 2002	.579	.650	1.000	.660	.630
q26r	.808	.872	.660	1.000	.601
toc39116 Had difficulty organizing tasks and activities Spring Grade 9 2002	.578	.602	.630	.601	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q1r	12.1549	23.770	.813	.744	.890
q8r	12.0607	23.599	.872	.827	.878
toc39120 Was easily distracted Spring Grade 9 2002	12.2277	25.748	.707	.531	.912
q26r	11.9929	24.275	.860	.791	.881
toc39116 Had difficulty organizing tasks and activities Spring Grade 9 2002	12.5395	26.970	.673	.475	.918

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
15.2439	38.059	6.16920	5

*aggression

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.853	.874	5

Item Statistics

	Mean	Std. Deviation	N
toc39119 Lied Spring Grade 9 2002	1.93	1.149	987
toc39121 Took others property without their permission Spring Grade 9 2002	1.44	.870	987
toc39123 Hurt others physically Spring Grade 9 2002	1.28	.718	987
toc39127 Broke rules Spring Grade 9 2002	2.37	1.330	987
toc39129 Damaged other peoples property on purpose Spring Grade 9 2002	1.29	.707	987

Inter-Item Correlation Matrix

	toc39119 Lied Spring Grade 9 2002	toc39121 Took others property without their permission Spring Grade 9 2002	toc39123 Hurt others physically Spring Grade 9 2002	toc39127 Broke rules Spring Grade 9 2002	toc39129 Damaged other peoples property on purpose Spring Grade 9 2002
toc39119 Lied Spring Grade 9 2002	1.000	.583	.476	.716	.538
toc39121 Took others property without their permission Spring Grade 9 2002	.583	1.000	.587	.561	.696
toc39123 Hurt others physically Spring Grade 9 2002	.476	.587	1.000	.468	.652
toc39127 Broke rules Spring Grade 9 2002	.716	.561	.468	1.000	.527
toc39129 Damaged other peoples property on purpose Spring Grade 9 2002	.538	.696	.652	.527	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc39119 Lied Spring Grade 9 2002	6.38	8.980	.728	.568	.807
toc39121 Took others property without their permission Spring Grade 9 2002	6.87	10.501	.719	.570	.812
toc39123 Hurt others physically Spring Grade 9 2002	7.03	11.724	.625	.470	.839
toc39127 Broke rules Spring Grade 9 2002	5.94	8.173	.707	.553	.828
toc39129 Damaged other peoples property on purpose Spring Grade 9 2002	7.02	11.434	.708	.588	.824

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
8.31	15.316	3.914	5

*shy behavior

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.590	.616	3

Item Statistics

	Mean	Std. Deviation	N
toc39104 Avoided classmates Spring Grade 9 2002	1.8184	.99763	991
q9r	2.6145	1.27792	991
q34r	3.4440	1.52178	991

Inter-Item Correlation Matrix

	toc39104 Avoided classmates Spring Grade 9 2002	q9r	q34r
toc39104 Avoided classmates Spring Grade 9 2002	1.000	.484	.243
q9r	.484	1.000	.317
q34r	.243	.317	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc39104 Avoided classmates Spring Grade 9 2002	6.0585	5.180	.434	.243	.475
q9r	5.2624	4.050	.479	.276	.365
q34r	4.4329	3.862	.329	.111	.639

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.8769	8.148	2.85455	3

*likeability

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.881	.877	4

Item Statistics

	Mean	Std. Deviation	N
toc39102 Rejected by classmates Spring Grade 9 2002	1.8474	.95899	983
q17r	3.1302	1.37453	983
q7r	3.1150	1.34936	983
q22r	2.8576	1.32271	983

Inter-Item Correlation Matrix

	toc39102 Rejected by classmates Spring Grade 9 2002	q17r	q7r	q22r
toc39102 Rejected by classmates Spring Grade 9 2002	1.000	.438	.495	.555
q17r	.438	1.000	.790	.770
q7r	.495	.790	1.000	.798
q22r	.555	.770	.798	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc39102 Rejected by classmates Spring Grade 9 2002	9.1027	14.039	.535	.316	.917
q17r	7.8199	10.030	.791	.678	.828
q7r	7.8352	9.920	.831	.716	.811
q22r	8.0926	9.997	.844	.716	.805

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
10.9502	18.803	4.33624	4

*hyperactivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.828	.830	3

Item Statistics

	Mean	Std. Deviation	N
toc39111 Could not sit still Spring Grade 9 2002	2.10	1.328	996
toc39115 Fidgeted and/or squirmed a lot Spring Grade 9 2002	2.03	1.233	996
toc39132 Was always on the go or acted as if driven by a motor Spring Grade 9 2002	2.13	1.354	996

Inter-Item Correlation Matrix

	toc39111 Could not sit still Spring Grade 9 2002	toc39115 Fidgeted and/or squirmed a lot Spring Grade 9 2002	toc39132 Was always on the go or acted as if driven by a motor Spring Grade 9 2002
toc39111 Could not sit still Spring Grade 9 2002	1.000	.751	.549
toc39115 Fidgeted and/or squirmed a lot Spring Grade 9 2002	.751	1.000	.557
toc39132 Was always on the go or acted as if driven by a motor Spring Grade 9 2002	.549	.557	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc39111 Could not sit still Spring Grade 9 2002	4.16	5.214	.731	.589	.714
toc39115 Fidgeted and/or squirmed a lot Spring Grade 9 2002	4.22	5.572	.742	.594	.709
toc39132 Was always on the go or acted as if driven by a motor Spring Grade 9 2002	4.13	5.748	.591	.350	.857

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
6.26	11.417	3.379	3

*impulsivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.733	.734	2

Item Statistics

	Mean	Std. Deviation	N
toc39112 Interrupted or intruded on others Spring Grade 9 2002	2.22	1.304	997
toc39130 Blurtd out answer before question was complete Spring Grade 9 2002	2.09	1.214	997

Inter-Item Correlation Matrix

	toc39112 Interrupted or intruded on others Spring Grade 9 2002	toc39130 Blurtd out answer before question was complete Spring Grade 9 2002
toc39112 Interrupted or intruded on others Spring Grade 9 2002	1.000	.580
toc39130 Blurtd out answer before question was complete Spring Grade 9 2002	.580	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc39112 Interrupted or intruded on others Spring Grade 9 2002	2.09	1.473	.580	.336	a .
toc39130 Blurtd out answer before question was complete Spring Grade 9 2002	2.22	1.699	.580	.336	a .

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
4.31	5.006	2.237	2

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.806	.806	3

Item Statistics

	Mean	Std. Deviation	N
q5r	2.5106	1.38352	995
toc39112 Interrupted or intruded on others Spring Grade 9 2002	2.2101	1.29816	995
toc39130 Blurtd out answer before question was complete Spring Grade 9 2002	2.0874	1.21086	995

Inter-Item Correlation Matrix

	q5r	toc39112 Interrupted or intruded on others Spring Grade 9 2002	toc39130 Blurtd out answer before question was complete Spring Grade 9 2002
q5r	1.000	.669	.498
toc39112 Interrupted or intruded on others Spring Grade 9 2002	.669	1.000	.576
toc39130 Blurtd out answer before question was complete Spring Grade 9 2002	.498	.576	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q5r	4.2975	4.964	.661	.467	.730
toc39112 Interrupted or intruded on others Spring Grade 9 2002	4.5980	5.049	.723	.526	.661
toc39130 Blurted out answer before question was complete Spring Grade 9 2002	4.7206	6.002	.587	.355	.801

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
6.8080	10.950	3.30908	3

*proactive aggression

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.749	.760	2

Item Statistics

	Mean	Std. Deviation	N
toc39110 Bullied classmates into getting his/her way Spring Grade 9 2002	1.64	1.083	995
toc39118 Started physical fights with classmates Spring Grade 9 2002	1.39	.872	995

Inter-Item Correlation Matrix

	toc39110 Bullied classmates into getting his/her way Spring Grade 9 2002	toc39118 Started physical fights with classmates Spring Grade 9 2002
toc39110 Bullied classmates into getting his/her way Spring Grade 9 2002	1.000	.613
toc39118 Started physical fights with classmates Spring Grade 9 2002	.613	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc39110 Bullied classmates into getting his/her way Spring Grade 9 2002	1.39	.760	.613	.376	.a
toc39118 Started physical fights with classmates Spring Grade 9 2002	1.64	1.173	.613	.376	.a

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
3.03	3.091	1.758	2

*oppositional defiant

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.894	.897	4

Item Statistics

	Mean	Std. Deviation	N
q13r	2.9043	1.50467	993
toc39114 Disobeyed teachers and other adults Spring Grade 9 2002	2.2638	1.32853	993
toc39124 Talked back to teachers and other adults Spring Grade 9 2002	2.1057	1.33724	993
toc39127 Broke rules Spring Grade 9 2002	2.3787	1.33336	993

Inter-Item Correlation Matrix

	q13r	toc39114 Disobeyed teachers and other adults Spring Grade 9 2002	toc39124 Talked back to teachers and other adults Spring Grade 9 2002	toc39127 Broke rules Spring Grade 9 2002
q13r	1.000	.627	.616	.616
toc39114 Disobeyed teachers and other adults Spring Grade 9 2002	.627	1.000	.755	.764
toc39124 Talked back to teachers and other adults Spring Grade 9 2002	.616	.755	1.000	.738
toc39127 Broke rules Spring Grade 9 2002	.616	.764	.738	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q13r	6.7482	13.352	.678	.460	.901
toc39114 Disobeyed teachers and other adults Spring Grade 9 2002	7.3887	13.411	.812	.678	.848
toc39124 Talked back to teachers and other adults Spring Grade 9 2002	7.5468	13.494	.793	.646	.855
toc39127 Broke rules Spring Grade 9 2002	7.2739	13.485	.798	.657	.853

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
9.6526	23.074	4.80351	4

*conduct disorder

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.865	.885	7

Item Statistics

	Mean	Std. Deviation	N
toc39103 Skipped school Spring Grade 9 2002	1.80	1.283	983
toc39110 Bullied classmates into getting his/her way Spring Grade 9 2002	1.63	1.072	983
toc39118 Started physical fights with classmates Spring Grade 9 2002	1.39	.874	983
toc39119 Lied Spring Grade 9 2002	1.94	1.151	983
toc39121 Took others property without their permission Spring Grade 9 2002	1.44	.872	983
toc39123 Hurt others physically Spring Grade 9 2002	1.28	.720	983
toc39129 Damaged other peoples property on purpose Spring Grade 9 2002	1.29	.708	983

Inter-Item Correlation Matrix

	toc39103 Skipped school Spring Grade 9 2002	toc39110 Bullied classmates into getting his/her way Spring Grade 9 2002	toc39118 Started physical fights with classmates Spring Grade 9 2002	toc39119 Lied Spring Grade 9 2002	toc39121 Took others property without their permission Spring Grade 9 2002	toc39123 Hurt others physically Spring Grade 9 2002	toc39129 Damaged other peoples property on purpose Spring Grade 9 2002
toc39103 Skipped school Spring Grade 9 2002	1.000	.343	.364	.452	.337	.267	.307
toc39110 Bullied classmates into getting his/her way Spring Grade 9 2002	.343	1.000	.621	.558	.584	.581	.576
toc39118 Started physical fights with classmates Spring Grade 9 2002	.364	.621	1.000	.534	.617	.699	.632
toc39119 Lied Spring Grade 9 2002	.452	.558	.534	1.000	.583	.475	.537
toc39121 Took others property without their permission Spring Grade 9 2002	.337	.584	.617	.583	1.000	.587	.695
toc39123 Hurt others physically Spring Grade 2002	.267	.581	.699	.475	.587	1.000	.651
toc39129 Damaged other peoples property on purpose Spring Grade 9 2002	.307	.576	.632	.537	.695	.651	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc39103 Skipped school Spring Grade 9 2002	8.97	19.192	.436	.231	.886
toc39110 Bullied classmates into getting his/her way Spring Grade 9 2002	9.15	18.240	.693	.507	.837
toc39118 Started physical fights with classmates Spring Grade 9 2002	9.38	19.316	.736	.607	.834
toc39119 Lied Spring Grade 9 2002	8.84	17.796	.682	.476	.840
toc39121 Took others property without their permission Spring Grade 9 2002	9.34	19.427	.723	.584	.835
toc39123 Hurt others physically Spring Grade 9 2002	9.50	20.766	.679	.578	.845
toc39129 Damaged other peoples property on purpose Spring Grade 9 2002	9.49	20.625	.717	.598	.841

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
10.78	25.740	5.073	7

*helpless

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.859	.859	4

Item Statistics

	Mean	Std. Deviation	N
q6r	3.1427	1.59116	988
q25r	3.4919	1.47966	988
toc39128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 9 2002	2.5506	1.29392	988
toc39131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 9 2002	2.6913	1.34098	988

Inter-Item Correlation Matrix

	q6r	q25r	toc39128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 9 2002	toc39131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 9 2002
q6r	1.000	.810	.494	.614
q25r	.810	1.000	.450	.598
toc39128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 9 2002	.494	.450	1.000	.650
toc39131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 9 2002	.614	.598	.650	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q6r	8.7338	12.015	.768	.687	.793
q25r	8.3846	12.914	.744	.672	.803
toc39128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 9 2002	9.3259	15.326	.594	.437	.862
toc39131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 9 2002	9.1852	13.967	.723	.554	.813

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
11.8765	23.014	4.79730	4

GRADE 10

Cohort 3 Youth Interview: Constructed Variable Reliability Analysis

**grade 10

*Concentration

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.906	.906	5

Item Statistics

	Mean	Std. Deviation	N
q1r	3.1090	1.48862	927
q8r	3.2276	1.38059	927
toc3a120 Was easily distracted Spring Grade 10 2003	2.9159	1.41247	927
q26r	3.3225	1.35755	927
toc3a116 Had difficulty organizing tasks and activities Spring Grade 10 2003	2.6893	1.31223	927

Inter-Item Correlation Matrix

	q1r	q8r	toc3a120 Was easily distracted Spring Grade 10 2003	q26r	toc3a116 Had difficulty organizing tasks and activities Spring Grade 10 2003
q1r	1.000	.848	.502	.809	.552
q8r	.848	1.000	.599	.869	.561
toc3a120 Was easily distracted Spring Grade 10 2003	.502	.599	1.000	.616	.663
q26r	.809	.869	.616	1.000	.569
toc3a116 Had difficulty organizing tasks and activities Spring Grade 10 2003	.552	.561	.663	.569	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q1r	12.1553	21.939	.790	.751	.880
q8r	12.0367	22.161	.855	.823	.865
toc3a120 Was easily distracted Spring Grade 10 2003	12.3484	23.916	.671	.541	.905
q26r	11.9417	22.416	.849	.789	.867
toc3a116 Had difficulty organizing tasks and activities Spring Grade 10 2003	12.5750	24.782	.664	.504	.905

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
15.2643	35.177	5.93105	5

*aggression

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.794	.833	5

Item Statistics

	Mean	Std. Deviation	N
toc3a119 Lied Spring Grade 10 2003	1.81	1.086	920
toc3a121 Took others property without their permission Spring Grade 10 2003	1.32	.718	920
toc3a123 Hurt others physically Spring Grade 10 2003	1.20	.580	920
toc3a127 Broke rules Spring Grade 10 2003	2.24	1.244	920
toc3a129 Damaged other peoples property on purpose Spring Grade 10 2003	1.19	.542	920

Inter-Item Correlation Matrix

	toc3a119 Lied Spring Grade 10 2003	toc3a121 Took others property without their permission Spring Grade 10 2003	toc3a123 Hurt others physically Spring Grade 10 2003	toc3a127 Broke rules Spring Grade 10 2003	toc3a129 Damaged other peoples property on purpose Spring Grade 10 2003
toc3a119 Lied Spring Grade 10 2003	1.000	.512	.401	.674	.447
toc3a121 Took others property without their permission Spring Grade 10 2003	.512	1.000	.547	.423	.712
toc3a123 Hurt others physically Spring Grade 10 2003	.401	.547	1.000	.335	.606
toc3a127 Broke rules Spring Grade 10 2003	.674	.423	.335	1.000	.338
toc3a129 Damaged other peoples property on purpose Spring Grade 10 2003	.447	.712	.606	.338	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3a119 Lied Spring Grade 10 2003	5.96	5.777	.699	.527	.712
toc3a121 Took others property without their permission Spring Grade 10 2003	6.44	7.530	.651	.570	.739
toc3a123 Hurt others physically Spring Grade 10 2003	6.56	8.446	.541	.406	.775
toc3a127 Broke rules Spring Grade 10 2003	5.52	5.545	.600	.465	.774
toc3a129 Damaged other peoples property on purpose Spring Grade 10 2003	6.57	8.400	.610	.578	.765

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.76	10.609	3.257	5

*shy behavior

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.589	.616	3

Item Statistics

	Mean	Std. Deviation	N
toc3a104 Avoided classmates Spring Grade 10 2003	1.8077	1.03102	931
q9r	2.7712	1.30601	931
q34r	3.5489	1.53823	931

Inter-Item Correlation Matrix

	toc3a104 Avoided classmates Spring Grade 10 2003	q9r	q34r
toc3a104 Avoided classmates Spring Grade 10 2003	1.000	.504	.251
q9r	.504	1.000	.290
q34r	.251	.290	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3a104 Avoided classmates Spring Grade 10 2003	6.3201	5.237	.456	.266	.445
q9r	5.3566	4.225	.470	.282	.377
q34r	4.5789	4.126	.314	.099	.658

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
8.1278	8.454	2.90750	3

*likeability

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.876	.872	4

Item Statistics

	Mean	Std. Deviation	N
toc3a102 Rejected by classmates Spring Grade 10 2003	1.7508	.91224	919
q17r	3.1262	1.34770	919
q7r	3.1382	1.33474	919
q22r	2.8237	1.33637	919

Inter-Item Correlation Matrix

	toc3a102 Rejected by classmates Spring Grade 10 2003	q17r	q7r	q22r
toc3a102 Rejected by classmates Spring Grade 10 2003	1.000	.448	.465	.513
q17r	.448	1.000	.810	.773
q7r	.465	.810	1.000	.768
q22r	.513	.773	.768	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3a102 Rejected by classmates Spring Grade 10 2003	9.0881	13.823	.514	.276	.916
q17r	7.7127	9.523	.818	.712	.807
q7r	7.7008	9.574	.822	.709	.805
q22r	8.0152	9.579	.819	.676	.806

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
10.8390	18.142	4.25932	4

*hyperactivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.846	.847	3

Item Statistics

	Mean	Std. Deviation	N
toc3a111 Could not sit still Spring Grade 10 2003	2.05	1.287	928
toc3a115 Fidgeted and/or squirmed a lot Spring Grade 10 2003	1.99	1.166	928
toc3a132 Was always on the go or acted as if driven by a motor Spring Grade 10 2003	1.97	1.230	928

Inter-Item Correlation Matrix

	toc3a111 Could not sit still Spring Grade 10 2003	toc3a115 Fidgeted and/or squirmed a lot Spring Grade 10 2003	toc3a132 Was always on the go or acted as if driven by a motor Spring Grade 10 2003
toc3a111 Could not sit still Spring Grade 10 2003	1.000	.764	.608
toc3a115 Fidgeted and/or squirmed a lot Spring Grade 10 2003	.764	1.000	.572
toc3a132 Was always on the go or acted as if driven by a motor Spring Grade 10 2003	.608	.572	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3a111 Could not sit still Spring Grade 10 2003	3.97	4.513	.771	.627	.727
toc3a115 Fidgeted and/or squirmed a lot Spring Grade 10 2003	4.03	5.090	.747	.602	.756
toc3a132 Was always on the go or acted as if driven by a motor Spring Grade 10 2003	4.05	5.308	.629	.397	.864

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
6.02	10.384	3.222	3

*impulsivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.774	.776	2

Item Statistics

	Mean	Std. Deviation	N
toc3a112 Interrupted or intruded on others Spring Grade 10 2003	2.09	1.260	932
toc3a130 Blurtd out answer before question was complete Spring Grade 10 2003	1.90	1.133	932

Inter-Item Correlation Matrix

	toc3a112 Interrupted or intruded on others Spring Grade 10 2003	toc3a130 Blurtd out answer before question was complete Spring Grade 10 2003
toc3a112 Interrupted or intruded on others Spring Grade 10 2003	1.000	.634
toc3a130 Blurtd out answer before question was complete Spring Grade 10 2003	.634	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3a112 Interrupted or intruded on others Spring Grade 10 2003	1.90	1.284	.634	.403	a .
toc3a130 Blurtd out answer before question was complete Spring Grade 10 2003	2.09	1.587	.634	.403	a .

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
3.98	4.683	2.164	2

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.815	.817	3

Item Statistics

	Mean	Std. Deviation	N
q5r	2.4376	1.37363	930
toc3a112 Interrupted or intruded on others Spring Grade 10 2003	2.0871	1.26131	930
toc3a130 Blurtd out answer before question was complete Spring Grade 10 2003	1.8978	1.13336	930

Inter-Item Correlation Matrix

	q5r	toc3a112 Interrupted or intruded on others Spring Grade 10 2003	toc3a130 Blurtd out answer before question was complete Spring Grade 10 2003
q5r	1.000	.651	.510
toc3a112 Interrupted or intruded on others Spring Grade 10 2003	.651	1.000	.635
toc3a130 Blurtd out answer before question was complete Spring Grade 10 2003	.510	.635	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q5r	3.9849	4.691	.646	.439	.774
toc3a112 Interrupted or intruded on others Spring Grade 10 2003	4.3355	4.759	.740	.548	.667
toc3a130 Blurted out answer before question was complete Spring Grade 10 2003	4.5247	5.733	.627	.419	.787

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
6.4226	10.421	3.22813	3

*proactive aggression

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.715	.739	2

Item Statistics

	Mean	Std. Deviation	N
toc3a110 Bullied classmates into getting his/her way Spring Grade 10 2003	1.50	.927	931
toc3a118 Started physical fights with classmates Spring Grade 10 2003	1.27	.671	931

Inter-Item Correlation Matrix

	toc3a110 Bullied classmates into getting his/her way Spring Grade 10 2003	toc3a118 Started physical fights with classmates Spring Grade 10 2003
toc3a110 Bullied classmates into getting his/her way Spring Grade 10 2003	1.000	.586
toc3a118 Started physical fights with classmates Spring Grade 10 2003	.586	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3a110 Bullied classmates into getting his/her way Spring Grade 10 2003	1.27	.450	.586	.343	a .
toc3a118 Started physical fights with classmates Spring Grade 10 2003	1.50	.859	.586	.343	a .

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
2.77	2.038	1.428	2

*oppositional defiant

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.881	.886	4

Item Statistics

	Mean	Std. Deviation	N
q13r	2.8532	1.45346	933
toc3a114 Disobeyed teachers and other adults Spring Grade 10 2003	2.1297	1.25474	933
toc3a124 Talked back to teachers and other adults Spring Grade 10 2003	1.9314	1.22282	933
toc3a127 Broke rules Spring Grade 10 2003	2.2465	1.24615	933

Inter-Item Correlation Matrix

	q13r	toc3a114 Disobeyed teachers and other adults Spring Grade 10 2003	toc3a124 Talked back to teachers and other adults Spring Grade 10 2003	toc3a127 Broke rules Spring Grade 10 2003
q13r	1.000	.557	.604	.624
toc3a114 Disobeyed teachers and other adults Spring Grade 10 2003	.557	1.000	.752	.706
toc3a124 Talked back to teachers and other adults Spring Grade 10 2003	.604	.752	1.000	.712
toc3a127 Broke rules Spring Grade 10 2003	.624	.706	.712	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q13r	6.3076	11.308	.659	.444	.887
toc3a114 Disobeyed teachers and other adults Spring Grade 10 2003	7.0311	11.736	.762	.627	.840
toc3a124 Talked back to teachers and other adults Spring Grade 10 2003	7.2294	11.739	.790	.648	.830
toc3a127 Broke rules Spring Grade 10 2003	6.9143	11.669	.780	.612	.834

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
9.1608	19.858	4.45626	4

*conduct disorder

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.807	.856	7

Item Statistics

	Mean	Std. Deviation	N
toc3a103 Skipped school Spring Grade 10 2003	2.03	1.378	915
toc3a110 Bullied classmates into getting his/her way Spring Grade 10 2003	1.50	.932	915
toc3a118 Started physical fights with classmates Spring Grade 10 2003	1.27	.675	915
toc3a119 Lied Spring Grade 10 2003	1.81	1.088	915
toc3a121 Took others property without their permission Spring Grade 10 2003	1.33	.719	915
toc3a123 Hurt others physically Spring Grade 10 2003	1.20	.582	915
toc3a129 Damaged other peoples property on purpose Spring Grade 10 2003	1.19	.543	915

Inter-Item Correlation Matrix

	toc3a103 Skipped school Spring Grade 10 2003	toc3a110 Bullied classmates into getting his/her way Spring Grade 10 2003	toc3a118 Started physical fights with classmates Spring Grade 10 2003	toc3a119 Lied Spring Grade 10 2003	toc3a121 Took others property without their permission Spring Grade 10 2003	toc3a123 Hurt others physically Spring Grade 10 2003	toc3a129 Damaged other peoples property on purpose Spring Grade 10 2003
toc3a103 Skipped school Spring Grade 10 2003	1.000	.220	.298	.446	.216	.269	.224
toc3a110 Bullied classmates into getting his/her way Spring Grade 10 2003	.220	1.000	.586	.492	.495	.528	.450
toc3a118 Started physical fights with classmates Spring Grade 10 2003	.298	.586	1.000	.492	.485	.681	.556
toc3a119 Lied Spring Grade 10 2003	.446	.492	.492	1.000	.512	.401	.447
toc3a121 Took others property without their permission Spring Grade 10 2003	.216	.495	.485	.512	1.000	.547	.712
toc3a123 Hurt others physically Spring Grade 10 2003	.269	.528	.681	.401	.547	1.000	.606
toc3a129 Damaged other peoples property on purpose Spring Grade 10 2003	.224	.450	.556	.447	.712	.606	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3a103 Skipped school Spring Grade 10 2003	8.31	12.453	.376	.217	.847
toc3a110 Bullied classmates into getting his/her way Spring Grade 10 2003	8.83	13.144	.591	.440	.772
toc3a118 Started physical fights with classmates Spring Grade 10 2003	9.06	14.124	.676	.572	.766
toc3a119 Lied Spring Grade 10 2003	8.52	11.930	.651	.451	.760
toc3a121 Took others property without their permission Spring Grade 10 2003	9.01	14.113	.625	.578	.771
toc3a123 Hurt others physically Spring Grade 10 2003	9.13	14.783	.645	.562	.776
toc3a129 Damaged other peoples property on purpose Spring Grade 10 2003	9.14	15.048	.633	.587	.780

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
10.33	18.007	4.243	7

*helpless

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.850	.850	4

Item Statistics

	Mean	Std. Deviation	N
q6r	3.1467	1.51238	927
q25r	3.5221	1.43442	927
toc3a128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 10 2003	2.4315	1.23458	927
toc3a131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 10 2003	2.6041	1.31107	927

Inter-Item Correlation Matrix

	q6r	q25r	toc3a128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 10 2003	toc3a131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 10 2003
q6r	1.000	.829	.476	.573
q25r	.829	1.000	.409	.546
toc3a128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 10 2003	.476	.409	1.000	.679
toc3a131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 10 2003	.573	.546	.679	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q6r	8.5577	11.003	.762	.715	.777
q25r	8.1823	11.780	.721	.697	.796
toc3a128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 10 2003	9.2729	13.989	.587	.476	.850
toc3a131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 10 2003	9.1003	12.693	.699	.555	.806

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
11.7044	20.938	4.57586	4

GRADE 11

Cohort 3 Youth Interview: Constructed Variable Reliability Analysis

*grade 11

*concentration

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.908	.907	5

Item Statistics

	Mean	Std. Deviation	N
q1r	2.8961	1.42060	693
q8r	2.9567	1.38567	693
toc3b120 Was easily distracted Spring Grade 11 2004	2.6638	1.30399	693
q26r	3.0548	1.38318	693
toc3b116 Had difficulty organizing tasks and activities Spring Grade 11 2004	2.4675	1.22269	693

Inter-Item Correlation Matrix

	q1r	q8r	toc3b120 Was easily distracted Spring Grade 11 2004	q26r	toc3b116 Had difficulty organizing tasks and activities Spring Grade 11 2004
q1r	1.000	.829	.537	.802	.536
q8r	.829	1.000	.621	.878	.554
toc3b120 Was easily distracted Spring Grade 11 2004	.537	.621	1.000	.646	.649
q26r	.802	.878	.646	1.000	.565
toc3b116 Had difficulty organizing tasks and activities Spring Grade 11 2004	.536	.554	.649	.565	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q1r	11.1429	20.831	.791	.717	.883
q8r	11.0823	20.437	.858	.819	.868
toc3b120 Was easily distracted Spring Grade 11 2004	11.3752	22.775	.694	.543	.903
q26r	10.9841	20.438	.860	.804	.868
toc3b116 Had difficulty organizing tasks and activities Spring Grade 11 2004	11.5714	23.896	.646	.473	.912

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
14.0390	33.110	5.75411	5

*aggression

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.784	.831	5

Item Statistics

	Mean	Std. Deviation	N
toc3b119 Lied Spring Grade 11 2004	1.72	1.046	689
toc3b121 Took others property without their permission Spring Grade 11 2004	1.25	.636	689
toc3b123 Hurt others physically Spring Grade 11 2004	1.15	.497	689
toc3b127 Broke rules Spring Grade 11 2004	2.08	1.186	689
toc3b129 Damaged other peoples property on purpose Spring Grade 11 2004	1.14	.437	689

Inter-Item Correlation Matrix

	toc3b119 Lied Spring Grade 11 2004	toc3b121 Took others property without their permission Spring Grade 11 2004	toc3b123 Hurt others physically Spring Grade 11 2004	toc3b127 Broke rules Spring Grade 11 2004	toc3b129 Damaged other peoples property on purpose Spring Grade 11 2004
toc3b119 Lied Spring Grade 11 2004	1.000	.462	.374	.675	.427
toc3b121 Took others property without their permission Spring Grade 11 2004	.462	1.000	.528	.488	.606
toc3b123 Hurt others physically Spring Grade 11 2004	.374	.528	1.000	.395	.583
toc3b127 Broke rules Spring Grade 11 2004	.675	.488	.395	1.000	.415
toc3b129 Damaged other peoples property on purpose Spring Grade 11 2004	.427	.606	.583	.415	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3b119 Lied Spring Grade 11 2004	5.61	4.799	.669	.489	.709
toc3b121 Took others property without their permission Spring Grade 11 2004	6.08	6.537	.621	.468	.734
toc3b123 Hurt others physically Spring Grade 11 2004	6.18	7.274	.538	.399	.766
toc3b127 Broke rules Spring Grade 11 2004	5.25	4.251	.676	.501	.726
toc3b129 Damaged other peoples property on purpose Spring Grade 11 2004	6.19	7.360	.595	.477	.763

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.33	8.960	2.993	5

*shy

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.547	.581	3

Item Statistics

	Mean	Std. Deviation	N
toc3b104 Avoided classmates Spring Grade 11 2004	1.6885	.94188	703
q9r	2.6373	1.28353	703
q34r	3.3585	1.58594	703

Inter-Item Correlation Matrix

	toc3b104 Avoided classmates Spring Grade 11 2004	q9r	q34r
toc3b104 Avoided classmates Spring Grade 11 2004	1.000	.443	.213
q9r	.443	1.000	.294
q34r	.213	.294	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3b104 Avoided classmates Spring Grade 11 2004	5.9957	5.358	.391	.203	.446
q9r	5.0469	4.039	.439	.237	.315
q34r	4.3257	3.605	.304	.095	.594

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.6842	7.951	2.81983	3

*likeability

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.873	.868	4

Item Statistics

	Mean	Std. Deviation	N
toc3b102 Rejected by classmates Spring Grade 11 2004	1.6082	.81619	684
q17r	2.9576	1.35271	684
q7r	2.9401	1.31694	684
q22r	2.6301	1.25481	684

Inter-Item Correlation Matrix

	toc3b102 Rejected by classmates Spring Grade 11 2004	q17r	q7r	q22r
toc3b102 Rejected by classmates Spring Grade 11 2004	1.000	.379	.475	.519
q17r	.379	1.000	.767	.786
q7r	.475	.767	1.000	.810
q22r	.519	.786	.810	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3b102 Rejected by classmates Spring Grade 11 2004	8.5278	13.216	.492	.285	.917
q17r	7.1784	8.735	.780	.671	.817
q7r	7.1959	8.638	.831	.706	.793
q22r	7.5058	8.821	.860	.743	.781

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
10.1360	16.803	4.09913	4

*hyperactivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.778	.783	3

Item Statistics

	Mean	Std. Deviation	N
toc3b111 Could not sit still Spring Grade 11 2004	1.87	1.160	702
toc3b115 Fidgeted and/or squirmed a lot Spring Grade 11 2004	1.80	1.033	702
toc3b132 Was always on the go or acted as if driven by a motor Spring Grade 11 2004	1.98	1.166	702

Inter-Item Correlation Matrix

	toc3b111 Could not sit still Spring Grade 11 2004	toc3b115 Fidgeted and/or squirmed a lot Spring Grade 11 2004	toc3b132 Was always on the go or acted as if driven by a motor Spring Grade 11 2004
toc3b111 Could not sit still Spring Grade 11 2004	1.000	.760	.456
toc3b115 Fidgeted and/or squirmed a lot Spring Grade 11 2004	.760	1.000	.420
toc3b132 Was always on the go or acted as if driven by a motor Spring Grade 11 2004	.456	.420	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3b111 Could not sit still Spring Grade 11 2004	3.78	3.437	.710	.600	.588
toc3b115 Fidgeted and/or squirmed a lot Spring Grade 11 2004	3.85	3.937	.691	.584	.627
toc3b132 Was always on the go or acted as if driven by a motor Spring Grade 11 2004	3.67	4.232	.468	.221	.860

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
5.65	7.836	2.799	3

*impulsivity

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.647	.647	2

Item Statistics

	Mean	Std. Deviation	N
toc3b112 Interrupted or intruded on others Spring Grade 11 2004	1.90	1.126	703
toc3b130 Blurted out answer before question was complete Spring Grade 11 2004	1.78	1.066	703

Inter-Item Correlation Matrix

	toc3b112 Interrupted or intruded on others Spring Grade 11 2004	toc3b130 Blurted out answer before question was complete Spring Grade 11 2004
toc3b112 Interrupted or intruded on others Spring Grade 11 2004	1.000	.479
toc3b130 Blurted out answer before question was complete Spring Grade 11 2004	.479	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3b112 Interrupted or intruded on others Spring Grade 11 2004	1.78	1.136	.479	.229	a .
toc3b130 Blurted out answer before question was complete Spring Grade 11 2004	1.90	1.268	.479	.229	a .

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
3.68	3.552	1.885	2

*Proactive aggression

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.640	.676	2

Item Statistics

	Mean	Std. Deviation	N
toc3b110 Bullied classmates into getting his/her way Spring Grade 11 2004	1.40	.782	705
toc3b118 Started physical fights with classmates Spring Grade 11 2004	1.19	.517	705

Inter-Item Correlation Matrix

	toc3b110 Bullied classmates into getting his/her way Spring Grade 11 2004	toc3b118 Started physical fights with classmates Spring Grade 11 2004
toc3b110 Bullied classmates into getting his/her way Spring Grade 11 2004	1.000	.511
toc3b118 Started physical fights with classmates Spring Grade 11 2004	.511	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3b110 Bullied classmates into getting his/her way Spring Grade 11 2004	1.19	.267	.511	.261	a .
toc3b118 Started physical fights with classmates Spring Grade 11 2004	1.40	.612	.511	.261	a .

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
2.58	1.292	1.136	2

*Oppositional defiant

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.872	.872	3

Item Statistics

	Mean	Std. Deviation	N
toc3b114 Disobeyed teachers and other adults Spring Grade 11 2004	1.99	1.188	702
toc3b124 Talked back to teachers and other adults Spring Grade 11 2004	1.83	1.185	702
toc3b127 Broke rules Spring Grade 11 2004	2.09	1.188	702

Inter-Item Correlation Matrix

	toc3b114 Disobeyed teachers and other adults Spring Grade 11 2004	toc3b124 Talked back to teachers and other adults Spring Grade 11 2004	toc3b127 Broke rules Spring Grade 11 2004
toc3b114 Disobeyed teachers and other adults Spring Grade 11 2004	1.000	.671	.710
toc3b124 Talked back to teachers and other adults Spring Grade 11 2004	.671	1.000	.703
toc3b127 Broke rules Spring Grade 11 2004	.710	.703	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3b114 Disobeyed teachers and other adults Spring Grade 11 2004	3.92	4.792	.748	.562	.825
toc3b124 Talked back to teachers and other adults Spring Grade 11 2004	4.08	4.827	.743	.553	.830
toc3b127 Broke rules Spring Grade 11 2004	3.82	4.705	.773	.597	.803

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
5.91	10.097	3.178	3

*Conduct disorder

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.779	.838	7

Item Statistics

	Mean	Std. Deviation	N
toc3b103 Skipped school Spring Grade 11 2004	1.89	1.175	682
toc3b110 Bullied classmates into getting his/her way Spring Grade 11 2004	1.39	.774	682
toc3b118 Started physical fights with classmates Spring Grade 11 2004	1.18	.503	682
toc3b119 Lied Spring Grade 11 2004	1.71	1.035	682
toc3b121 Took others property without their permission Spring Grade 11 2004	1.24	.630	682
toc3b123 Hurt others physically Spring Grade 11 2004	1.15	.487	682
toc3b129 Damaged other peoples property on purpose Spring Grade 11 2004	1.13	.425	682

Inter-Item Correlation Matrix

	toc3b110 Bullied classmates into getting his/her way Spring Grade 11 2004	toc3b118 Started physical fights with classmates Spring Grade 11 2004	toc3b119 Lied Spring Grade 11 2004	toc3b121 Took others property without their permission Spring Grade 11 2004	toc3b123 Hurt others physically Spring Grade 11 2004	toc3b129 Damaged other peoples property on purpose Spring Grade 11 2004
toc3b103 Skipped scho Spring Grade 11 2004	1.000	.245	.246	.413	.192	.175
toc3b110 Bullied classmates into getting his/her way Spring Grad 11 2004	.245	1.000	.484	.534	.539	.386
toc3b118 Started physic fights with classmates Spring Grade 11 2004	.246	.484	1.000	.429	.438	.682
toc3b119 Lied Spring Grade 11 2004	.413	.534	.429	1.000	.450	.355
toc3b121 Took others property without their permission Spring Grad 11 2004	.192	.539	.438	.450	1.000	.510
toc3b123 Hurt others physically Spring Grade 2004	.175	.386	.682	.355	.510	1.000
toc3b129 Damaged oth peoples property on purpose Spring Grade 1 2004	.192	.471	.614	.408	.591	.559

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3b103 Skipped school Spring Grade 11 2004	7.81	8.579	.351	.177	.817
toc3b110 Bullied classmates into getting his/her way Spring Grade 11 2004	8.31	8.972	.604	.437	.729
toc3b118 Started physical fights with classmates Spring Grade 11 2004	8.52	10.136	.621	.583	.742
toc3b119 Lied Spring Grade 11 2004	7.99	7.693	.629	.414	.725
toc3b121 Took others property without their permission Spring Grade 11 2004	8.45	9.676	.588	.484	.739
toc3b123 Hurt others physically Spring Grade 11 2004	8.55	10.412	.549	.529	.753
toc3b129 Damaged other peoples property on purpose Spring Grade 11 2004	8.57	10.525	.606	.517	.751

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
9.70	12.375	3.518	7

*Helpless

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.853	.852	4

Item Statistics

	Mean	Std. Deviation	N
q6r	2.9120	1.53929	693
q25r	3.2612	1.46132	693
toc3b128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 11 2004	2.3608	1.18505	693
toc3b131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 11 2004	2.5368	1.26326	693

Inter-Item Correlation Matrix

	q6r	q25r	toc3b128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 11 2004	toc3b131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 11 2004
q6r	1.000	.843	.438	.613
q25r	.843	1.000	.436	.599
toc3b128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 11 2004	.438	.436	1.000	.607
toc3b131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 11 2004	.613	.599	.607	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q6r	8.1587	10.674	.773	.729	.778
q25r	7.8095	11.169	.769	.722	.779
toc3b128 Said things like I can not do it when s/he had trouble with schoolwork Spring Grade 11 2004	8.7100	14.487	.546	.377	.868
toc3b131 Easily discouraged by an obstacle in his/her schoolwork Spring Grade 11 2004	8.5339	12.810	.709	.528	.808

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
11.0707	20.817	4.56259	4

GRADE 12

*concentration

RELIABILITY

```
/VARIABLES=q1r,q8r,toc3c120,q26r,toc3c116  
/FORMAT=LABELS  
/SCALE(ALPHA)=ALL/MODEL=ALPHA  
/STATISTICS=DESCRIPTIVE SCALE CORR  
/SUMMARY=TOTAL .
```

Reliability

Warnings

The covariance matrix is calculated and used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	917	98.6
	Excluded ^a	13	1.4
	Total	930	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.898	.897	5

Item Statistics

	Mean	Std. Deviation	N
q1r	3.0011	1.52955	917
q8r	3.0382	1.40479	917
toc3c120	2.5791	1.32639	917
q26r	3.0872	1.39831	917
toc3c116	2.4940	1.30301	917

Inter-Item Correlation Matrix

	q1r	q8r	toc3c120	q26r	toc3c116
q1r	1.000	.821	.450	.792	.498
q8r	.821	1.000	.573	.889	.561
toc3c120	.450	.573	1.000	.587	.630
q26r	.792	.889	.587	1.000	.551
toc3c116	.498	.561	.630	.551	1.000

The covariance matrix is calculated and used in the analysis.

Item Statistics

	Mean	Std. Deviation	N
toc3c119	1.72	1.034	911
toc3c121	1.20	.568	911
toc3c123	1.12	.432	911
toc3c127	2.05	1.162	911
toc3c129	1.13	.444	911

Inter-Item Correlation Matrix

	toc3c119	toc3c121	toc3c123	toc3c127	toc3c129
toc3c119	1.000	.389	.276	.677	.319
toc3c121	.389	1.000	.481	.364	.524
toc3c123	.276	.481	1.000	.287	.591
toc3c127	.677	.364	.287	1.000	.326
toc3c129	.319	.524	.591	.326	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3c119	5.50	3.890	.643	.483	.628
toc3c121	6.02	5.823	.524	.368	.691
toc3c123	6.10	6.398	.457	.393	.721
toc3c127	5.16	3.500	.628	.477	.657
toc3c129	6.09	6.267	.504	.433	.710

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.22	7.583	2.754	5

*shy

```
RELIABILITY
/VARIABLES=toc3c104,q9r,q34r
/FORMAT=LABELS
/SCALE( ALPHA)=ALL/MODEL=ALPHA
/STATISTICS=DESCRIPTIVE SCALE CORR
/SUMMARY=TOTAL .
```

Reliability

Warnings

The covariance matrix is calculated and used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	923	99.2
	Excluded ^a	7	.8
	Total	930	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.611	.633	3

Item Statistics

	Mean	Std. Deviation	N
toc3c104	1.8061	1.09539	923
q9r	2.7183	1.37563	923
q34r	3.3781	1.67702	923

Inter-Item Correlation Matrix

	toc3c104	q9r	q34r
toc3c104	1.000	.457	.275
q9r	.457	1.000	.363
q34r	.275	.363	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3c104	6.0964	6.380	.431	.222	.525
q9r	5.1842	5.022	.495	.270	.402
q34r	4.5244	4.469	.379	.147	.616

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
7.9025	9.967	3.15700	3

*likeability

RELIABILITY

```

/VARIABLES=toc3c102,q17r,q7r,q22r
/FORMAT=LABELS
/SCALE(ALPHA)=ALL/MODEL=ALPHA
/STATISTICS=DESCRIPTIVE SCALE CORR
/SUMMARY=TOTAL .

```

Reliability

Warnings

The covariance matrix is calculated and used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	901	96.9
	Excluded ^a	29	3.1
	Total	930	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.861	.851	4

Item Statistics

	Mean	Std. Deviation	N
toc3c102	1.6482	.92464	901
q17r	3.0344	1.44988	901
q7r	2.9367	1.44583	901
q22r	2.7081	1.38172	901

Inter-Item Correlation Matrix

	toc3c102	q17r	q7r	q22r
toc3c102	1.000	.354	.377	.434
q17r	.354	1.000	.801	.779
q7r	.377	.801	1.000	.779
q22r	.434	.779	.779	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3c102	8.6792	15.696	.419	.193	.917
q17r	7.2930	10.087	.807	.703	.778
q7r	7.3907	10.045	.816	.705	.773
q22r	7.6193	10.365	.825	.690	.770

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
10.3274	19.618	4.42925	4

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*hyperactivity

RELIABILITY

```
/VARIABLES=toc3c111,toc3c115,toc3c132
/FORMAT=LABELS
/SCALE(ALPHA)=ALL/MODEL=ALPHA
/STATISTICS=DESCRIPTIVE SCALE CORR
/SUMMARY=TOTAL .
```

Reliability

Warnings

The covariance matrix is calculated and used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	918	98.7
	Excluded ^a	12	1.3
	Total	930	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.758	.764	3

Item Statistics

	Mean	Std. Deviation	N
toc3c111	1.84	1.157	918
toc3c115	1.81	1.081	918
toc3c132	1.99	1.241	918

Inter-Item Correlation Matrix

	toc3c111	toc3c115	toc3c132
toc3c111	1.000	.673	.433
toc3c115	.673	1.000	.451
toc3c132	.433	.451	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3c111	3.79	3.918	.639	.475	.617
toc3c115	3.83	4.122	.659	.485	.603
toc3c132	3.65	4.194	.483	.234	.804

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
5.63	8.186	2.861	3

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*impulsivity
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```
RELIABILITY
/VARIABLES=toc3c112,toc3c130
/FORMAT=LABELS
/SCALE(ALPHA)=ALL/MODEL=ALPHA
/STATISTICS=DESCRIPTIVE SCALE CORR
/SUMMARY=TOTAL .
```

Reliability

Warnings

The covariance matrix is calculated and used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	922	99.1
	Excluded ^a	8	.9
	Total	930	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.701	.704	2

Item Statistics

	Mean	Std. Deviation	N
toc3c112	1.83	1.084	922
toc3c130	1.68	.966	922

Inter-Item Correlation Matrix

	toc3c112	toc3c130
toc3c112	1.000	.543
toc3c130	.543	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3c112	1.68	.933	.543	.295	. ^a
toc3c130	1.83	1.175	.543	.295	. ^a

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
3.52	3.245	1.801	2

*Proactive aggression

RELIABILITY

/VARIABLES=toc3c110,toc3c118

```

/FORMAT=LABELS
/SCALE (ALPHA)=ALL/MODEL=ALPHA
/STATISTICS=DESCRIPTIVE SCALE CORR
/SUMMARY=TOTAL .

```

Reliability

Warnings

The covariance matrix is calculated and used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	923	99.2
	Excluded ^a	7	.8
	Total	930	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.672	.685	2

Item Statistics

	Mean	Std. Deviation	N
toc3c110	1.36	.742	923
toc3c118	1.20	.582	923

Inter-Item Correlation Matrix

	toc3c110	toc3c118
toc3c110	1.000	.521
toc3c118	.521	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3c110	1.20	.338	.521	.271	. ^a
toc3c118	1.36	.550	.521	.271	. ^a

a. The value is negative due to a negative average covariance among items. This violates reliability model assumptions. You may want to check item codings.

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
2.56	1.338	1.157	2

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*Oppositional defiant

RELIABILITY

```
/VARIABLES=toc3c114,toc3c124,toc3c127
/FORMAT=LABELS
/SCALE(ALPHA)=ALL/MODEL=ALPHA
/STATISTICS=DESCRIPTIVE SCALE CORR
/SUMMARY=TOTAL .
```

Reliability

Warnings

The covariance matrix is calculated and used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	922	99.1
	Excluded ^a	8	.9
	Total	930	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.867	.868	3

Item Statistics

	Mean	Std. Deviation	N
toc3c114	1.93	1.161	922
toc3c124	1.73	1.060	922
toc3c127	2.06	1.161	922

Inter-Item Correlation Matrix

	toc3c114	toc3c124	toc3c127
toc3c114	1.000	.707	.705
toc3c124	.707	1.000	.648
toc3c127	.705	.648	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3c114	3.79	4.066	.777	.605	.784
toc3c124	3.99	4.595	.733	.544	.827
toc3c127	3.66	4.212	.733	.542	.826

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
5.72	9.053	3.009	3

*Conduct disorder

RELIABILITY

```
/VARIABLES=toc3c103,toc3c110,toc3c118,toc3c119,toc3c121,toc3c123,toc3c129
/FORMAT=LABELS
/SCALE(ALPHA)=ALL/MODEL=ALPHA
/STATISTICS=DESCRIPTIVE SCALE CORR
/SUMMARY=TOTAL .
```

Reliability

Warnings

The covariance matrix is calculated and used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	911	98.0
	Excluded ^a	19	2.0
	Total	930	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.746	.826	7

Item Statistics

	Mean	Std. Deviation	N
toc3c103	2.24	1.426	911
toc3c110	1.35	.732	911
toc3c118	1.19	.569	911
toc3c119	1.72	1.034	911
toc3c121	1.19	.565	911
toc3c123	1.12	.432	911
toc3c129	1.13	.444	911

Inter-Item Correlation Matrix

	toc3c103	toc3c110	toc3c118	toc3c119	toc3c121	toc3c123	toc3c129
toc3c103	1.000	.260	.305	.475	.147	.180	.174
toc3c110	.260	1.000	.506	.399	.440	.445	.578
toc3c118	.305	.506	1.000	.474	.433	.580	.516
toc3c119	.475	.399	.474	1.000	.387	.277	.320
toc3c121	.147	.440	.433	.387	1.000	.485	.528
toc3c123	.180	.445	.580	.277	.485	1.000	.591
toc3c129	.174	.578	.516	.320	.528	.591	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
toc3c103	7.70	7.782	.392	.244	.794
toc3c110	8.59	9.804	.565	.424	.695
toc3c118	8.74	10.309	.629	.487	.695
toc3c119	8.22	8.308	.597	.398	.681
toc3c121	8.74	10.777	.494	.380	.716
toc3c123	8.82	11.243	.518	.476	.722
toc3c129	8.81	11.092	.555	.512	.717

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
9.94	12.930	3.596	7

*Helpless

RELIABILITY

```
/VARIABLES=q6r,q25r,toc3c128,toc3c131
/FORMAT=LABELS
/SCALE(ALPHA)=ALL/MODEL=ALPHA
/STATISTICS=DESCRIPTIVE SCALE CORR
/SUMMARY=TOTAL .
```

Reliability

Warnings

The covariance matrix is calculated and used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	917	98.6
	Excluded ^a	13	1.4
	Total	930	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.839	.838	4

Item Statistics

	Mean	Std. Deviation	N
q6r	2.8877	1.54320	917
q25r	3.2977	1.50969	917
toc3c128	2.2290	1.21216	917
toc3c131	2.3533	1.27434	917

Inter-Item Correlation Matrix

	q6r	q25r	toc3c128	toc3c131
q6r	1.000	.836	.416	.570
q25r	.836	1.000	.390	.545
toc3c128	.416	.390	1.000	.631
toc3c131	.570	.545	.631	1.000

The covariance matrix is calculated and used in the analysis.

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q6r	7.8800	10.846	.757	.718	.757
q25r	7.4700	11.221	.733	.706	.768
toc3c128	8.5387	14.517	.534	.403	.851
toc3c131	8.4144	13.007	.684	.520	.793

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
10.7677	20.919	4.57370	4

Correlations Grades 6 to 12
Correlations – Concentration Problems

Correlations

		sctcp36m Mean Teacher Rated Concentration Problems spring grade 6 1999	sctcp37m Mean Teacher Rated Concentration Problems spring grade 7 2000	sctcp38m Mean Teacher Rated Concentration Problems spring grade 8 2001	sctcp39m Mean Teacher Rated Concentration Problems spring grade 9 2002	sctcp3am Mean Teacher Rated Concentration Problems spring grade 10 2003	sctcp3bm Mean Teacher Rated Concentration Problems spring grade 11 2004	sctcp3cm Mean Teacher Rated Concentration Problems spring grade12 2005
sctcp36m Mean Teacher Rated Concentration Problems spring grade 6 1999	Pearson Correlation Sig. (2-tailed) N	1 569	.556** 535	.516** 530	.479** 499	.391** 458	.387** 360	.309** 381
sctcp37m Mean Teacher Rated Concentration Problems spring grade 7 2000	Pearson Correlation Sig. (2-tailed) N	.556** 535	1 577	.622** 540	.494** 502	.400** 461	.352** 360	.410** 383
sctcp38m Mean Teacher Rated Concentration Problems spring grade 8 2001	Pearson Correlation Sig. (2-tailed) N	.516** 530	.622** 540	1 583	.548** 518	.426** 469	.468** 369	.448** 392
sctcp39m Mean Teacher Rated Concentration Problems spring grade 9 2002	Pearson Correlation Sig. (2-tailed) N	.479** 499	.494** 502	.548** 518	1 551	.510** 463	.555** 368	.455** 387
sctcp3am Mean Teacher Rated Concentration Problems spring grade 10 2003	Pearson Correlation Sig. (2-tailed) N	.391** 458	.400** 461	.426** 469	.510** 463	1 522	.546** 373	.458** 384
sctcp3bm Mean Teacher Rated Concentration Problems spring grade 11 2004	Pearson Correlation Sig. (2-tailed) N	.387** 360	.352** 360	.468** 369	.555** 368	.546** 373	1 402	.546** 373
sctcp3cm Mean Teacher Rated Concentration Problems spring grade12 2005	Pearson Correlation Sig. (2-tailed) N	.309** 381	.410** 383	.448** 392	.455** 387	.458** 384	.546** 373	1 443

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations – Aggression

Correlations

		sctaa36m Mean Teacher Rated Authority Acceptance spring grade 6 1999	sctaa37m Mean Teacher Rated Authority Acceptance spring grade 7 2000	sctaa38m Mean Teacher Rated Authority Acceptance spring grade 8 2001	sctaa39m Mean Teacher Rated Authority Acceptance spring grade 9 2002	sctaa3am Mean Teacher Rated Authority Acceptance spring grade 10 2003	sctaa3bm Mean Teacher Rated Authority Acceptance spring grade 11 2004	sctaa3cm Mean Teacher Rated Authority Acceptance spring grade12 2005
sctaa36m Mean Teacher Rated Authority Acceptance spring grade 6 1999	Pearson Correlation Sig. (2-tailed) N	1 569	.564** 535	.545** 530	.493** 499	.451** 458	.437** 356	.383** 381
sctaa37m Mean Teacher Rated Authority Acceptance spring grade 7 2000	Pearson Correlation Sig. (2-tailed) N	.564** 535	1 577	.534** 540	.458** 502	.423** 461	.404** 356	.409** 383
sctaa38m Mean Teacher Rated Authority Acceptance spring grade 8 2001	Pearson Correlation Sig. (2-tailed) N	.545** 530	.534** 540	1 583	.484** 518	.472** 469	.452** 365	.411** 392
sctaa39m Mean Teacher Rated Authority Acceptance spring grade 9 2002	Pearson Correlation Sig. (2-tailed) N	.493** 499	.458** 502	.484** 518	1 551	.470** 463	.446** 364	.518** 387
sctaa3am Mean Teacher Rated Authority Acceptance spring grade 10 2003	Pearson Correlation Sig. (2-tailed) N	.451** 458	.423** 461	.472** 469	.470** 463	1 522	.444** 369	.420** 384
sctaa3bm Mean Teacher Rated Authority Acceptance spring grade 11 2004	Pearson Correlation Sig. (2-tailed) N	.437** 356	.404** 356	.452** 365	.446** 364	.444** 369	1 398	.380** 370
sctaa3cm Mean Teacher Rated Authority Acceptance spring grade12 2005	Pearson Correlation Sig. (2-tailed) N	.383** 381	.409** 383	.411** 392	.518** 387	.420** 384	.380** 370	1 443

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations – Shy Behavior

Correlations

			sctsb36m Mean Teacher Rated Shy Behavior spring grade 6 1999	sctsb37m Mean Teacher Rated Shy Behavior spring grade 7 2000	sctsb38m Mean Teacher Rated Shy Behavior spring grade 8 2001	sctsb39m Mean Teacher Rated Shy Behavior spring grade 9 2002	sctsb3am Mean Teacher Rated Shy Behavior spring grade 10 2003	sctsb3bm Mean Teacher Rated Shy Behavior spring grade 11 2004	sctsb3cm Mean Teacher Rated Shy Behavior spring grade12 2005
sctsb36m Mean Teacher Rated Shy Behavior spring grade 6 1999	Pearson Correlation Sig. (2-tailed) N	1 .000 569	.305** .000 535	.293** .000 530	.245** .000 499	.177** .000 458	.165** .002 359	.138** .007 381	
sctsb37m Mean Teacher Rated Shy Behavior spring grade 7 2000	Pearson Correlation Sig. (2-tailed) N	.305** .000 535	1 .000 577	.350** .000 540	.301** .000 502	.269** .000 461	.240** .000 359	.252** .000 383	
sctsb38m Mean Teacher Rated Shy Behavior spring grade 8 2001	Pearson Correlation Sig. (2-tailed) N	.293** .000 530	.350** .000 540	1 .000 583	.309** .000 518	.311** .000 469	.265** .000 368	.269** .000 392	
sctsb39m Mean Teacher Rated Shy Behavior spring grade 9 2002	Pearson Correlation Sig. (2-tailed) N	.245** .000 499	.301** .000 502	.309** .000 518	1 .000 551	.312** .000 463	.196** .000 367	.300** .000 387	
sctsb3am Mean Teacher Rated Shy Behavior spring grade 10 2003	Pearson Correlation Sig. (2-tailed) N	.177** .000 458	.269** .000 461	.311** .000 469	.312** .000 463	1 .000 522	.259** .000 372	.381** .000 384	
sctsb3bm Mean Teacher Rated Shy Behavior spring grade 11 2004	Pearson Correlation Sig. (2-tailed) N	.165** .002 359	.240** .000 359	.265** .000 368	.196** .000 367	.259** .000 372	1 .000 401	.277** .000 373	
sctsb3cm Mean Teacher Rated Shy Behavior spring grade12 2005	Pearson Correlation Sig. (2-tailed) N	.138** .007 381	.252** .000 383	.269** .000 392	.300** .000 387	.381** .000 384	.277** .000 373	1 443	

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations – Likeability

Correlations

		sctli36m Mean Teacher Rated Likeability spring grade 6 1999	sctli37m Mean Teacher Rated Likeability spring grade 7 2000	sctli38m Mean Teacher Rated Likeability spring grade 8 2001	sctli39m Mean Teacher Rated Likeability spring grade 9 2002	sctli3am Mean Teacher Rated Likeability spring grade 10 2003	sctli3bm Mean Teacher Rated Likeability spring grade 11 2004	sctli3cm Mean Teacher Rated Likeability spring grade12 2005
sctli36m Mean Teacher Rated Likeability spring grade 6 1999	Pearson Correlation Sig. (2-tailed) N	1 569	.479** .000 535	.450** .000 530	.349** .000 499	.322** .000 458	.310** .000 358	.272** .000 381
sctli37m Mean Teacher Rated Likeability spring grade 7 2000	Pearson Correlation Sig. (2-tailed) N	.479** .000 535	1 577	.465** .000 540	.305** .000 502	.358** .000 461	.267** .000 358	.304** .000 383
sctli38m Mean Teacher Rated Likeability spring grade 8 2001	Pearson Correlation Sig. (2-tailed) N	.450** .000 530	.465** .000 540	1 583	.398** .000 518	.321** .000 469	.297** .000 367	.373** .000 392
sctli39m Mean Teacher Rated Likeability spring grade 9 2002	Pearson Correlation Sig. (2-tailed) N	.349** .000 499	.305** .000 502	.398** .000 518	1 551	.365** .000 463	.300** .000 366	.343** .000 387
sctli3am Mean Teacher Rated Likeability spring grade 10 2003	Pearson Correlation Sig. (2-tailed) N	.322** .000 458	.358** .000 461	.321** .000 469	.365** .000 463	1 522	.354** .000 371	.387** .000 384
sctli3bm Mean Teacher Rated Likeability spring grade 11 2004	Pearson Correlation Sig. (2-tailed) N	.310** .000 358	.267** .000 358	.297** .000 367	.300** .000 366	.354** .000 371	1 400	.453** .000 372
sctli3cm Mean Teacher Rated Likeability spring grade12 2005	Pearson Correlation Sig. (2-tailed) N	.272** .000 381	.304** .000 383	.373** .000 392	.343** .000 387	.387** .000 384	.453** .000 372	1 443

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations – Hyperactivity

Correlations

		scthy36m Mean Teacher Rated Hyperactivity spring grade 6 1999	scthy37m Mean Teacher Rated Hyperactivity spring grade 7 2000	scthy38m Mean Teacher Rated Hyperactivity spring grade 8 2001	scthy39m Mean Teacher Rated Hyperactivity spring grade 9 2002	scthy3am Mean Teacher Rated Hyperactivity spring grade 10 2003	scthy3bm Mean Teacher Rated Hyperactivity spring grade 11 2004	scthy3cm Mean Teacher Rated Hyperactivity spring grade12 2005
scthy36m Mean Teacher Rated Hyperactivity spring grade 6 1999	Pearson Correlation Sig. (2-tailed) N	1 569	.512** .000 535	.494** .000 530	.391** .000 499	.327** .000 458	.328** .000 356	.312** .000 381
scthy37m Mean Teacher Rated Hyperactivity spring grade 7 2000	Pearson Correlation Sig. (2-tailed) N	.512** .000 535	1 577	.557** .000 540	.377** .000 502	.341** .000 461	.341** .000 356	.286** .000 383
scthy38m Mean Teacher Rated Hyperactivity spring grade 8 2001	Pearson Correlation Sig. (2-tailed) N	.494** .000 530	.557** .000 540	1 583	.386** .000 518	.369** .000 469	.375** .000 365	.298** .000 392
scthy39m Mean Teacher Rated Hyperactivity spring grade 9 2002	Pearson Correlation Sig. (2-tailed) N	.391** .000 499	.377** .000 502	.386** .000 518	1 551	.393** .000 463	.361** .000 364	.406** .000 387
scthy3am Mean Teacher Rated Hyperactivity spring grade 10 2003	Pearson Correlation Sig. (2-tailed) N	.327** .000 458	.341** .000 461	.369** .000 469	.393** .000 463	1 522	.446** .000 369	.323** .000 384
scthy3bm Mean Teacher Rated Hyperactivity spring grade 11 2004	Pearson Correlation Sig. (2-tailed) N	.328** .000 356	.341** .000 356	.375** .000 365	.361** .000 364	.446** .000 369	1 398	.371** .000 370
scthy3cm Mean Teacher Rated Hyperactivity spring grade12 2005	Pearson Correlation Sig. (2-tailed) N	.312** .000 381	.286** .000 383	.298** .000 392	.406** .000 387	.323** .000 384	.371** .000 370	1 443

** Correlation is significant at the 0.01 level (2-tailed).

Correlations – Impulsivity

Correlations

		sctim36m Mean Teacher Rated Impulsivity Spring spring grade 6 1999	sctim37m Mean Teacher Rated Impulsivity Spring spring grade 7 2000	sctim38m Mean Teacher Rated Impulsivity Spring spring grade 8 2001	sctim39m Mean Teacher Rated Impulsivity Spring spring grade 9 2002	sctim3am Mean Teacher Rated Impulsivity Spring spring grade 10 2003	sctim3bm Mean Teacher Rated Impulsivity Spring spring grade 11 2004	sctim3cm Mean Teacher Rated Impulsivity Spring spring grade12 2005
sctim36m Mean Teacher Rated Impulsivity Spring spring grade 6 1999	Pearson Correlation Sig. (2-tailed) N	1 569	.556** .000 535	.567** .000 530	.471** .000 499	.380** .000 458	.370** .000 358	.318** .000 381
sctim37m Mean Teacher Rated Impulsivity Spring spring grade 7 2000	Pearson Correlation Sig. (2-tailed) N	.556** .000 535	1 577	.556** .000 540	.435** .000 502	.350** .000 461	.414** .000 358	.380** .000 383
sctim38m Mean Teacher Rated Impulsivity Spring spring grade 8 2001	Pearson Correlation Sig. (2-tailed) N	.567** .000 530	.556** .000 540	1 583	.469** .000 518	.366** .000 469	.462** .000 367	.362** .000 392
sctim39m Mean Teacher Rated Impulsivity Spring spring grade 9 2002	Pearson Correlation Sig. (2-tailed) N	.471** .000 499	.435** .000 502	.469** .000 518	1 551	.415** .000 463	.480** .000 366	.453** .000 387
sctim3am Mean Teacher Rated Impulsivity Spring spring grade 10 2003	Pearson Correlation Sig. (2-tailed) N	.380** .000 458	.350** .000 461	.366** .000 469	.415** .000 463	1 522	.472** .000 371	.344** .000 384
sctim3bm Mean Teacher Rated Impulsivity Spring spring grade 11 2004	Pearson Correlation Sig. (2-tailed) N	.370** .000 358	.414** .000 358	.462** .000 367	.480** .000 366	.472** .000 371	1 400	.452** .000 372
sctim3cm Mean Teacher Rated Impulsivity Spring spring grade12 2005	Pearson Correlation Sig. (2-tailed) N	.318** .000 381	.380** .000 383	.362** .000 392	.453** .000 387	.344** .000 384	.452** .000 372	1 443

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations – Proactive Aggression

Correlations

		sctpa36m Mean Teacher rated Proactive Aggression spring grade 6 1999	sctpa37m Mean Teacher rated Proactive Aggression spring grade 7 2000	sctpa38m Mean Teacher rated Proactive Aggression spring grade 8 2001	sctpa39m Mean Teacher rated Proactive Aggression spring grade 9 2002	sctpa3am Mean Teacher rated Proactive Aggression spring grade 10 2003	sctpa3bm Mean Teacher rated Proactive Aggression spring grade 11 2004	sctpa3cm Mean Teacher rated Proactive Aggression spring grade12 2005
sctpa36m Mean Teacher rated Proactive Aggression spring grade 6 1999	Pearson Correlation Sig. (2-tailed) N	1 569	.515** .000 535	.453** .000 530	.379** .000 499	.334** .000 458	.332** .000 357	.326** .000 381
sctpa37m Mean Teacher rated Proactive Aggression spring grade 7 2000	Pearson Correlation Sig. (2-tailed) N	.515** .000 535	1 577	.482** .000 540	.377** .000 502	.314** .000 461	.323** .000 357	.261** .000 383
sctpa38m Mean Teacher rated Proactive Aggression spring grade 8 2001	Pearson Correlation Sig. (2-tailed) N	.453** .000 530	.482** .000 540	1 583	.398** .000 518	.379** .000 469	.365** .000 366	.299** .000 392
sctpa39m Mean Teacher rated Proactive Aggression spring grade 9 2002	Pearson Correlation Sig. (2-tailed) N	.379** .000 499	.377** .000 502	.398** .000 518	1 551	.465** .000 463	.315** .000 365	.360** .000 387
sctpa3am Mean Teacher rated Proactive Aggression spring grade 10 2003	Pearson Correlation Sig. (2-tailed) N	.334** .000 458	.314** .000 461	.379** .000 469	.465** .000 463	1 522	.414** .000 370	.411** .000 384
sctpa3bm Mean Teacher rated Proactive Aggression spring grade 11 2004	Pearson Correlation Sig. (2-tailed) N	.332** .000 357	.323** .000 357	.365** .000 366	.315** .000 365	.414** .000 370	1 399	.357** .000 371
sctpa3cm Mean Teacher rated Proactive Aggression spring grade12 2005	Pearson Correlation Sig. (2-tailed) N	.326** .000 381	.261** .000 383	.299** .000 392	.360** .000 387	.411** .000 384	.357** .000 371	1 443

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations – Oppositional Defiant

Correlations

		sctod36m Mean Teacher rated Oppositional - Defiant Behavior spring grade 6 1999	sctod37m Mean Teacher rated Oppositional - Defiant Behavior spring grade 7 2000	sctod38m Mean Teacher rated Oppositional - Defiant Behavior spring grade 8 2001	sctod39m Mean Teacher rated Oppositional - Defiant Behavior spring grade 9 2002	sctod3am Mean Teacher rated Oppositional - Defiant Behavior spring grade 10 2003	sctod3bm Mean Teacher rated Oppositional - Defiant Behavior spring grade 11 2004	sctod3cm Mean Teacher rated Oppositional - Defiant Behavior spring grade12 2005
sctod36m Mean Teacher rated Oppositional - Defiant Behavior spring grade 6 1999	Pearson Correlation Sig. (2-tailed) N	1 569	.611** .000 535	.548** .000 530	.558** .000 499	.469** .000 458	.423** .000 358	.386** .000 381
sctod37m Mean Teacher rated Oppositional - Defiant Behavior spring grade 7 2000	Pearson Correlation Sig. (2-tailed) N	.611** .000 535	1 577	.529** .000 540	.488** .000 502	.434** .000 461	.410** .000 358	.373** .000 383
sctod38m Mean Teacher rated Oppositional - Defiant Behavior spring grade 8 2001	Pearson Correlation Sig. (2-tailed) N	.548** .000 530	.529** .000 540	1 583	.485** .000 518	.436** .000 469	.428** .000 367	.385** .000 392
sctod39m Mean Teacher rated Oppositional - Defiant Behavior spring grade 9 2002	Pearson Correlation Sig. (2-tailed) N	.558** .000 499	.488** .000 502	.485** .000 518	1 551	.490** .000 463	.514** .000 366	.488** .000 387
sctod3am Mean Teacher rated Oppositional - Defiant Behavior spring grade 10 2003	Pearson Correlation Sig. (2-tailed) N	.469** .000 458	.434** .000 461	.436** .000 469	.490** .000 463	1 522	.537** .000 371	.440** .000 384
sctod3bm Mean Teacher rated Oppositional - Defiant Behavior spring grade 11 2004	Pearson Correlation Sig. (2-tailed) N	.423** .000 358	.410** .000 358	.428** .000 367	.514** .000 366	.537** .000 371	1 400	.457** .000 372
sctod3cm Mean Teacher rated Oppositional - Defiant Behavior spring grade12 2005	Pearson Correlation Sig. (2-tailed) N	.386** .000 381	.373** .000 383	.385** .000 392	.488** .000 387	.440** .000 384	.457** .000 372	1 443

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations – Conduct Problems

Correlations

		sctcd36m Mean teacher rated Conduct Disorder Problems spring grade 6 1999	sctcd37m Mean teacher rated Conduct Disorder Problems spring grade 7 2000	sctcd38m Mean teacher rated Conduct Disorder Problems spring grade 8 2001	sctcd39m Mean teacher rated Conduct Disorder Problems spring grade 9 2002	sctcd3am Mean teacher rated Conduct Disorder Problems spring grade 10 2003	sctcd3bm Mean teacher rated Conduct Disorder Problems spring grade 11 2004	sctcd3cm Mean teacher rated Conduct Disorder Problems spring grade12 2005
sctcd36m Mean teacher rated Conduct Disorder Problems spring grade 6 1999	Pearson Correlation Sig. (2-tailed) N	1 569	.577** .000 535	.517** .000 530	.492** .000 499	.443** .000 458	.395** .000 360	.371** .000 381
sctcd37m Mean teacher rated Conduct Disorder Problems spring grade 7 2000	Pearson Correlation Sig. (2-tailed) N	.577** .000 535	1 577	.543** .000 540	.479** .000 502	.389** .000 461	.325** .000 360	.381** .000 383
sctcd38m Mean teacher rated Conduct Disorder Problems spring grade 8 2001	Pearson Correlation Sig. (2-tailed) N	.517** .000 530	.543** .000 540	1 583	.508** .000 518	.481** .000 469	.432** .000 369	.403** .000 392
sctcd39m Mean teacher rated Conduct Disorder Problems spring grade 9 2002	Pearson Correlation Sig. (2-tailed) N	.492** .000 499	.479** .000 502	.508** .000 518	1 551	.525** .000 463	.466** .000 368	.497** .000 387
sctcd3am Mean teacher rated Conduct Disorder Problems spring grade 10 2003	Pearson Correlation Sig. (2-tailed) N	.443** .000 458	.389** .000 461	.481** .000 469	.525** .000 463	1 522	.404** .000 373	.434** .000 384
sctcd3bm Mean teacher rated Conduct Disorder Problems spring grade 11 2004	Pearson Correlation Sig. (2-tailed) N	.395** .000 360	.325** .000 360	.432** .000 369	.466** .000 368	.404** .000 373	1 402	.418** .000 373
sctcd3cm Mean teacher rated Conduct Disorder Problems spring grade12 2005	Pearson Correlation Sig. (2-tailed) N	.371** .000 381	.381** .000 383	.403** .000 392	.497** .000 387	.434** .000 384	.418** .000 373	1 443

** . Correlation is significant at the 0.01 level (2-tailed).

Correlations – Helpless

Correlations

		scthe36m Mean Teacher rated Helpless Achievement Behaviors spring grade 6 1999	scthe37m Mean Teacher rated Helpless Achievement Behaviors spring grade 7 2000	scthe38m Mean Teacher rated Helpless Achievement Behaviors spring grade 8 2001	scthe39m Mean Teacher rated Helpless Achievement Behaviors spring grade 9 2002	scthe3am Mean Teacher rated Helpless Achievement Behaviors spring grade 10 2003	scthe3bm Mean Teacher rated Helpless Achievement Behaviors spring grade 11 2004	scthe3cm Mean Teacher rated Helpless Achievement Behaviors spring grade12 2005
scthe36m Mean Teacher rated Helpless Achievement Behaviors spring grade 6 1999	Pearson Correlation Sig. (2-tailed) N	1 569	.516** .000 535	.456** .000 530	.397** .000 499	.320** .000 458	.330** .000 359	.294** .000 381
scthe37m Mean Teacher rated Helpless Achievement Behaviors spring grade 7 2000	Pearson Correlation Sig. (2-tailed) N	.516** .000 535	1 577	.545** .000 540	.417** .000 502	.344** .000 461	.299** .000 359	.325** .000 383
scthe38m Mean Teacher rated Helpless Achievement Behaviors spring grade 8 2001	Pearson Correlation Sig. (2-tailed) N	.456** .000 530	.545** .000 540	1 583	.480** .000 518	.386** .000 469	.385** .000 368	.366** .000 392
scthe39m Mean Teacher rated Helpless Achievement Behaviors spring grade 9 2002	Pearson Correlation Sig. (2-tailed) N	.397** .000 499	.417** .000 502	.480** .000 518	1 551	.434** .000 463	.481** .000 367	.385** .000 387
scthe3am Mean Teacher rated Helpless Achievement Behaviors spring grade 10 2003	Pearson Correlation Sig. (2-tailed) N	.320** .000 458	.344** .000 461	.386** .000 469	.434** .000 463	1 522	.437** .000 372	.385** .000 384
scthe3bm Mean Teacher rated Helpless Achievement Behaviors spring grade 11 2004	Pearson Correlation Sig. (2-tailed) N	.330** .000 359	.299** .000 359	.385** .000 368	.481** .000 367	.437** .000 372	1 401	.448** .000 373
scthe3cm Mean Teacher rated Helpless Achievement Behaviors spring grade12 2005	Pearson Correlation Sig. (2-tailed) N	.294** .000 381	.325** .000 383	.366** .000 392	.385** .000 387	.385** .000 384	.448** .000 373	1 443

** . Correlation is significant at the 0.01 level (2-tailed).